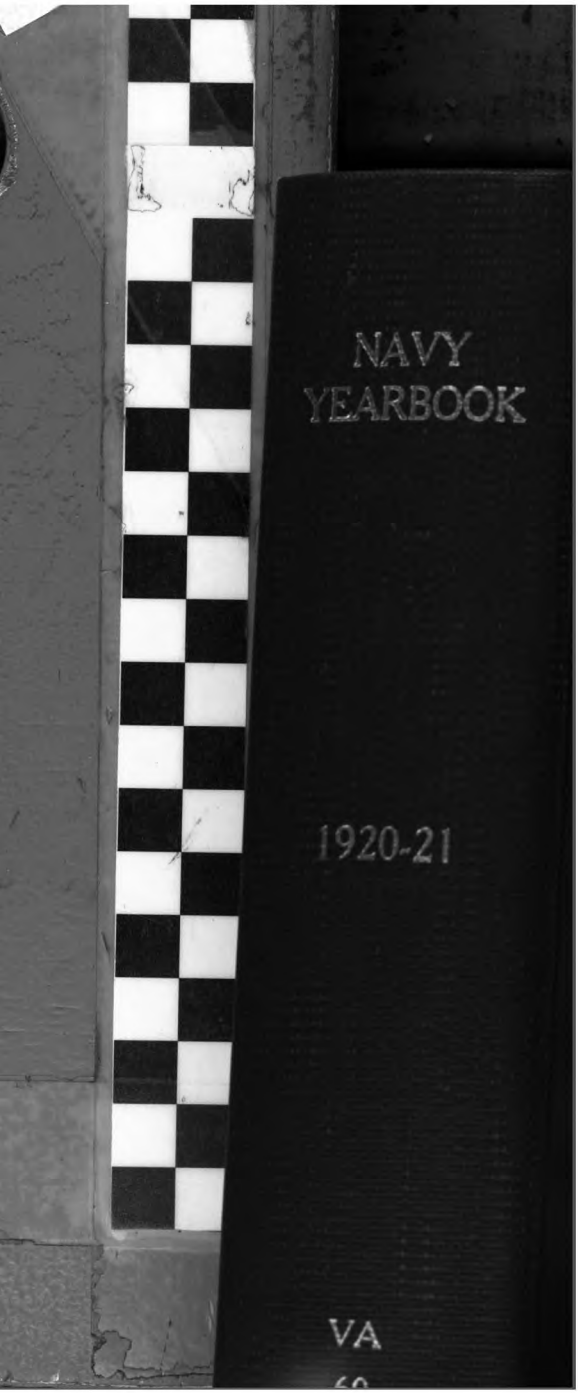
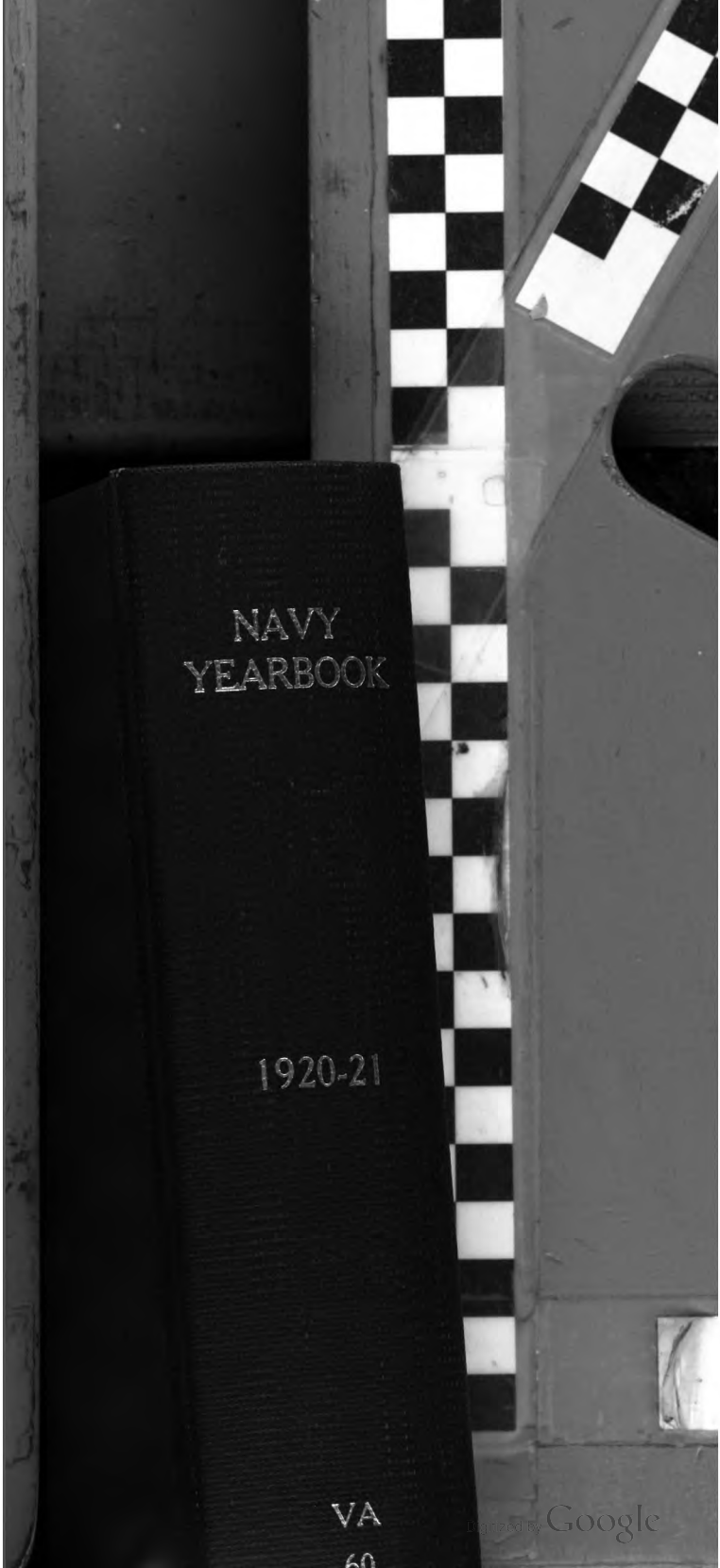


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66TH CONGRESS
3d Session
SENATE
DOCUMENT
No. 428

NAVY YEARBOOK

1920-1921

EMBRACING ALL ACTS AUTHORIZING
THE CONSTRUCTION OF SHIPS
OF THE "NEW NAVY"

AND

A RÉSUMÉ OF ANNUAL NAVAL APPROPRIATION LAWS FROM 1883 TO 1921, INCLUSIVE

WITH TABLES SHOWING PRESENT NAVAL
STRENGTH, IN SHIPS AND PERSONNEL,
AND COST OF MAINTAINING THE NAVY
OF THE UNITED STATES

ALSO

STATISTICS OF FOREIGN NAVIES

COMPILED BY
ELWIN A. SILSBY



WASHINGTON
GOVERNMENT PRINTING OFFICE
1922

119400

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[Sundry civil act, June 25, 1910, 36 Stats., 703.]

* * * and hereafter said Navy Yearbook shall be prepared and published for each calendar year and distributed as other public documents; and six thousand additional copies shall be printed and bound in cloth and distributed as follows: One thousand five hundred for the Senate, three thousand for the House of Representatives, one thousand for the Navy Department, and five hundred for the Committees on Naval Affairs of Senate and House.

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1920-1921

PREFATORY NOTE.

This volume contains 38 *appropriation acts*, commencing with the act of March 3, 1883; also the *special war* or *deficiency appropriation acts* of June 15, and October 6, 1917, March 28, April 26, and June 4, 1918; the *personnel law* approved March 3, 1899; the *war personnel law* approved May 22, 1917.

Of the appropriation acts from 1884 to 1914, inclusive, only so much is printed as is needed to show the changes from year to year. The *appropriation acts* from 1915 to 1921, inclusive, are printed in full in order that the book may show the appropriation legislation since the beginning of the World War. The new language in the appropriation acts of June 4, 1920, and July 12, 1921, is printed in italics.

The following are also printed in full: The *appropriation act* of March 3, 1883; the *temporary act* of July 7, 1884; the *special increase of the Navy* act of August 3, 1886; the *special act* of July 26, 1918; the *act temporarily increasing* the *commissioned* and *warrant* and *enlisted strength* of the *Navy* and *Marine Corps*, approved May 22, 1917; the *acts* providing for *temporary promotion* of *commissioned officers* of the *Marine Corps serving with the Army*, and for the *purchase* of *uniforms*, approved January 12, 1919; the *act* providing for the *award* of *medals*, approved February 4, 1919; the *act permitting retention* of *uniforms* and *personal equipment*, approved February 28, 1919; and the *act granting pay* and *allowances during* the *period* of *voluntary captivity*.

A separate chapter is devoted to the *personnel act* of March 3, 1899, and changes authorized by various subsequent acts.

To supplement this abbreviated text and to facilitate comparison of any particular year with any other, as well as to give the total cost of the new Navy and other facts of a statistical nature, there are appended a series of tables, a list of which is given on page 761.

The compiler wishes to hereby acknowledge the valuable preliminary work in preparing this volume which was done by Mr. Carl H. Schmidt.

ELWIN A. SILSBY.

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INTRODUCTION.

The initial legislation for rebuilding the Navy commenced with the act of August 5, 1882 (Statutes, vol. 22, p. 291), which stipulated, under limitations, that no more money should be spent upon old wooden vessels and provided for the appointment of a Naval Advisory Board. The following are the important features of the act:

* * * *Provided*, That no part of this sum [the regular annual appropriation for the Bureau of Construction and Repair] shall be applied to the repairs of any wooden ship when the estimated cost of such repairs shall exceed thirty per centum of the estimated cost of a new ship of the same size and like material: *Provided*, Nothing herein contained shall deprive the Secretary of the authority to order repairs of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home. Any portion of said sum not required for the purposes aforesaid may be applied toward the construction of two steam cruising vessels of war, which are hereby authorized, at a total cost, when fully completed, not to exceed the amount estimated by the late Naval Advisory Board for such vessel, the same to be constructed of steel, of domestic manufacture, having as near as may be a tensile strength of not less than sixty-thousand pounds to the square inch, and a ductility in eight inches of not less than twenty-five per centum; said vessels to be provided with full sail-power and full steam-power. One of said vessels shall be of not less than five thousand nor more than six thousand tons displacement, and shall have the highest attainable speed, and shall be adapted to be armed with not more than four breech-loading rifled cannon, of high power, of not less than eight-inch caliber, or two of ten-inch caliber, and not more than twenty-one breech-loading rifled cannon, of high power, of not less than six-inch caliber; one of said vessels shall be of not less than four thousand three hundred nor more than four thousand seven hundred tons displacement, and shall have the highest attainable speed, and shall be adapted to be armed with four breech-loading rifled cannon, of high power, of not less than eight-inch caliber, or two of ten-inch caliber, and not more than fifteen breech-loading rifled cannon, of high power, of not less than six-inch caliber. The Secretary of the Navy is hereby empowered and directed to organize a board of naval officers and experts for his advice and assistance, to be called the "Naval Advisory Board," to serve during the period required for the construction, armament, and trial of the vessels hereby authorized to be constructed, and no longer. Said board shall consists of five officers on the active list of the Navy in the line and the staff, to be detailed by the Secretary of the Navy, without reference to rank and with reference only to character, experience, knowledge, and skill, and two persons of established reputation and standing, as experts in naval or marine construction, to be selected from civil life, and employed for this sole duty by the Secretary of the Navy, and to be paid such sum, out of the appropriation hereby made, not exceeding eleven thousand dollars, as he may direct: *Provided however*, That no person shall be a member of said board who has any interest, direct or indirect, in any invention, device, or process, patented or otherwise, to be used in the construction of said vessels, their engines, boilers, or armament, nor in any contract for the same. It shall be the duty of said board to advise and assist the Secretary of the Navy, in his office or elsewhere, in all matters referred to them by him relative to the designs, models, plans, specifications, and contracts for said vessels in all their parts, and relative to the materials to be used therein and to the construction thereof, and especially relative to the harmonious adjustment, respectively, of their hulls, machinery, and armament; and they shall examine all materials to be used in said vessels, and inspect the work on the same as it progresses, and have general supervision thereof, under the direction of said Secretary. But said board shall have no power to make or enter into any contract, nor to direct or control any

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officer of the Navy, the chief of any bureau of the Navy, or any contractor. Neither of the vessels hereby authorized to be built shall be contracted for or commenced until full and complete detail drawings and specifications thereof, in all its parts, including the hull, engines, and boilers, shall have been provided or adopted by the Navy Department, and shall have been approved, in writing, by said board, or by a majority of the members thereof, and by the Secretary of the Navy; and after said drawings and specifications have been provided, adopted, and approved as aforesaid, and the work has been commenced or a contract made for it, they shall not be changed in any respect, when the cost of such change shall in the construction exceed five hundred dollars, except upon the approval of said board, or a majority of the members thereof, in writing, and upon the written order of the Secretary of the Navy; and, if changes are thus made, the actual cost thereof and the damage caused thereby shall be ascertained, estimated, and determined by said board; and in any contract made pursuant to this act it shall be provided in the terms thereof that the contractor shall be bound by the determination of said board, or a majority thereof, as to the amount of the increased or diminished compensation said contractor shall be entitled to receive, if any, in consequence of such change or changes. The Secretary of the Navy is hereby authorized to cause the said cruising vessels of war aforesaid to be provided with interior deflective steel armor, if the same, upon full investigation, shall seem to be practicable and desirable, and if the same shall be approved by said board, or a majority thereof, in writing. Before any of the vessels hereby authorized shall be contracted for or commenced the Secretary of the Navy shall, by proper public advertisement and notice, invite all engineers and mechanics of established reputation, and all reputable manufacturers of vessels, steam-engines, boilers, and ordnance, having or controlling regular establishments, and being engaged in the business, all officers of the Navy, and especially all naval constructors, steam-engineers, and ordnance officers of the Navy, having plans, models, or designs of any vessels of the classes hereby authorized, or of any part thereof, within any given period, not less than sixty days, to submit the same to said board; and it shall be the duty of said board to carefully and fully examine the same and to hear any proper explanation thereof, and to report to the Secretary of the Navy, in writing, whether, in their opinion, any such plan, model, or design, or any suggestion therein, is worthy of adoption in the construction of said vessels, their engines, boilers, or armament; and if in such construction any such plan, model, design, or suggestion shall be adopted, for the use of which any citizen not an officer of the Navy would have a just claim for compensation, the contractor shall bind himself to discharge the government from all liability on account of such adoption and use: *Provided*, That said Naval Advisory Board herein provided for shall, under the direction of the Secretary of the Navy, prepare plans, drawings, and specifications for vessels, their machinery, and armament, recommended by the late Naval Advisory Board not herein authorized to be built.

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[PUBLIC—No. 48.]

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and eighty-four, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the government for the year ending June thirtieth, eighteen hundred and eighty-four, and for other purposes:

Pay of the Navy, active list.

For the pay of the Navy, for the active-list, namely: For one Admiral, one Vice-Admiral, ten rear-admirals, eight chiefs of bureaus, twenty-four commodores, forty-eight captains, ninety commanders, eighty lieutenant-commanders, two hundred and eighty lieutenants, one hundred masters, the title of which grade is hereby changed to that of lieutenants, and the masters now on the list shall constitute a junior grade of and be commissioned as lieutenants, having the same rank and pay as now provided by law for masters, but promotion to and from said grade shall be by examination as provided by law for promotion to and from the grade of master, and nothing herein contained shall be so construed as to increase the pay now allowed by law to any officer in the line or staff; one hundred ensigns, ninety-one midshipmen, the title of which grade is hereby changed to that of ensign, and the midshipmen now on the list shall constitute a junior grade of, and be commissioned as, ensigns, having the same rank and pay as now provided by law for midshipmen, but promotions to and from said grade shall be under the same regulations and requirements as now provided by law for promotion to and from the grade of midshipmen, and nothing herein contained shall be so construed as to increase the pay now allowed by law to any officer of said grade or of any officer of relative rank; fourteen medical directors, fifteen medical inspectors, fifty surgeons, eighty passed assistant surgeons, twelve assistant surgeons, two assistant surgeons not in the line of promotion who shall hereafter, after fifteen years' service, be entitled to receive, as annual pay, when at sea, two thousand one hundred dollars, when on shore duty, one thousand eight hundred dollars, and when on leave or waiting orders one thousand six hundred dollars, thirteen pay directors, twelve pay inspectors, fifty paymasters, thirty past assistant paymasters, twenty assistant paymasters, sixty-nine chief engineers, ninety-

Title of master changed to lieutenant.

Title of midshipman changed to ensign.

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nine past assistant engineers, sixty-two assistant engineers, sixty-two cadet engineers, twenty-three chaplains, eleven professors of mathematics, ten naval constructors, six assistant naval constructors, ten civil engineers, one hundred and ninety-five warrant officers, forty mates, three hundred and thirty-five naval cadets; in all, three million nine hundred and forty thousand eight hundred dollars: Hereafter only one-half of the vacancies in the various grades in the staff corps of the navy shall be filled by promotion until such grades shall be reduced to the numbers fixed for the several grades of the staff corps of the navy by the act of August fifth, eighteen hundred and eighty-two, making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and eighty three, and for other purposes.

Pay of retired officers.

For pay of the retired list, namely: For forty-six rear-admirals, twenty-one commodores, eleven captains, ten commanders, sixteen lieutenant-commanders, nine lieutenants, eleven masters, six ensigns, one midshipman, twenty-two medical directors, two medical inspectors, two surgeons, four passed assistant surgeons, seven assistant surgeons, seven pay-directors, two pay-inspectors, four paymasters, two passed assistant paymasters, one assistant paymaster, ten chief engineers, twenty-one passed assistant engineers, twenty-five assistant engineers, eight chaplains, six professors of mathematics, one chief constructor, three civil engineers, eleven boatswains, nine gunners, eleven carpenters, and nine sailmakers; in all, seven hundred and three thousand one hundred and eighty dollars:

Pay of petty officers and enlisted force.

For pay to petty officers, seamen, ordinary seamen, landsmen, and boys, including men in the engineers' force, and for the Coast Survey Service, not exceeding eight thousand two hundred and fifty in all, two million four hundred and ninety thousand dollars.

Pay, miscellaneous.

For two secretaries, one to the Admiral and one to the Vice-Admiral, clerks to paymasters, clerks at inspections, navy-yards, and stations, and extra pay to men enlisted under honorable discharge; commission and interest, transportation of funds, exchange, mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders; and for actual and necessary traveling expenses of naval cadets while proceeding from their homes to the Naval Academy for examination and appointment as cadets and for the payment of any such officers as may be in service, either upon the active or retired list, during the year ending June thirtieth, eighteen hundred and eighty-four, in excess of the numbers of each class provided for in this act, and for any increase of pay arising from different duty, as the needs of the service may require, three hundred thousand dollars. And all officers of the Navy shall be credited with the actual time they

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may have served as officers or enlisted men in the regular or volunteer Army or Navy, or both, and shall receive all the benefits of such actual service in all respects in the same manner as if all said service had been continuous and in the regular Navy in the lowest grade having graduated pay held by such officer since last entering the service: *Provided*, That nothing in this clause shall be so construed as to authorize any change in the dates of commission or in the relative rank of such officers: *Provided further*, That nothing herein contained shall be so construed as to give any additional pay to any such officer during the time of his service in the volunteer army or navy.

Contingent expenses.

For contingent expenses of the Navy, namely: For rent and furniture of buildings and offices not in navy-yards; expenses of courts-martial and courts of inquiry, boards of investigation, examining boards, with clerks' and witnesses' fees, and traveling expenses and costs; stationery and recording; expenses of purchasing-paymasters' offices at the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and advertising; foreign postage; telegraphing, foreign and domestic; telephones; copying; care of library; mail and express wagons, and livery and express fees; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress, and pilotage; recovery of valuables from shipwrecks; quarantine expenses; care and transportation of the dead; for putting in order and preserving the grave of Paul Hamilton, a former Secretary of the Navy, the expenditure therefor not to exceed one hundred dollars; reports, professional investigation, cost of special instruction, and information abroad, and the collection and classification thereof; and all other emergencies and extraordinary expenses, arising at home or abroad, but impossible to be anticipated or classified, exclusive of personal services in the Navy Department or any of its subordinate bureaus or offices at Washington, District of Columbia, one hundred thousand dollars.

BUREAU OF NAVIGATION.

Navigation and supplies.

For foreign and local pilotage and towage of ships of war; services and materials in correcting compasses on board ship, and for adjusting and testing compasses on shore; nautical and astronomical instruments, nautical books, maps, charts, and sailing directions, and repairs of nautical instruments for ships of war; books for libraries for ships of war; naval signals and apparatus, namely, signal-lights, lanterns, rockets, running-lights, drawings, and engravings for signal-books; compass-fittings, including binnacles, tripods, and other appendages of ships' compasses; logs and other appliances for measuring the ship's ways, and leads and other appliances for

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sounding; lanterns and lamps, and their appendages, for general use on board ship, including those for the cabin, ward-room, and steerage, for the holds and spirit-room, for decks and quartermasters' use; bunting and other materials for flags, and making and repairing flags of all kinds; oil for ships of war, other than that used for the engineer department; candles when used as a substitute for oil in binnacles and running-lights; for chimneys and wicks; and soap used in navigation department; stationery for commanders and navigators of vessels of war, and for use of courts-martial; musical instruments and music for vessels of war; steering-signals and indicators, and for speaking-tubes and gongs for signal communication on board vessels of war; and for introducing electric lights on board vessels of war, not exceeding five thousand dollars; in all, one hundred thousand dollars.

Ocean surveys. For special ocean surveys and the publication thereof, ten thousand dollars.

Contingent. For contingent expenses of the Bureau of Navigation, namely: For freight and transportation of navigation materials; postage and telegraphing on public business; advertising for proposals; packing-boxes and materials; and all other contingent expenses, four thousand dollars.

Civil establishment. For the civil establishment at navy-yards and stations, five thousand dollars.

BUREAU OF ORDNANCE.

Ordnance and ordnance stores. For procuring, producing, and preserving ordnance material; for the armament of ships, and for fuel, tools, materials and labor to be used in the general work of the Ordnance Department for these purposes, one hundred and fifty thousand dollars. And any balance of the appropriation made for commencing the manufacture of steel rifled breech-loading guns, with carriages and ammunition, that may be unexpended during the fiscal year eighteen hundred and eighty-three, is hereby re-appropriated and made available for continuing that service during the fiscal year ending June thirtieth, eighteen hundred and eighty-four.

Repairs, Bureau of Ordnance. For necessary repairs to ordnance buildings, magazines, gun parks, boats, lighters, wharves, machinery, and other objects of the like character, including breakwaters at the magazine, Ellis Island, New York, and the erection of a shell-filling house at the Bellevue magazine, Washington, fifteen thousand dollars.

Special board for locating Government foundry. That the President of the United States is hereby authorized and requested to select from the Army and Navy six officers, who shall constitute a board for the purpose of examining and reporting to Congress which of the navy-yards or arsenals, owned by the government has the best location and is best adapted for the establishment of a government foundry, or what other method,

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if any, should be adopted for the manufacture of heavy ordnance adapted to modern warfare, for the use of the Army and Navy of the United States, the cost of all buildings, tools, and implements necessary to be used in the manufacture thereof, including the cost of a steam-hammer or apparatus of sufficient size for the manufacture of the heaviest guns; and that the President is further requested to report to Congress the finding of said board at as early a date as possible: *Provided*, That no extra compensation shall be paid the officers serving on the board hereby created.

Contingent.

For miscellaneous items, namely: For freight to foreign and home stations, advertising and auctioneers' fees, cartage and express charges, repairs to fire-engines, gas and water pipes, gas and water tax at magazines, toll, ferriage, foreign postage, and telegrams, three thousand dollars.

Civil establishment.

For the civil establishment at navy-yards and stations, five thousand dollars.

Torpedo corps.

For the torpedo corps, namely: For labor, material, and freight and express charges; general repairs to grounds, buildings, and wharves; boats' instruction, instruments, tools, experiments, and general torpedo outfits, fifty thousand dollars.

Torpedoes.

For the purchase and manufacture, after full investigation and test in the United States under the direction of the Secretary of the Navy, of torpedoes adapted to naval warfare, or of the right to manufacture the same and for the fixtures and machinery necessary for operating the same, one hundred thousand dollars: *Provided*, That no part of said money shall be expended for the purchase or manufacture of any torpedo or of the right to manufacture the same until the same shall have been approved by the Secretary of the Navy, after a favorable report to be made to him by a board of naval officers to be created by him to examine and test said torpedoes and inventions.

BUREAU OF EQUIPMENT AND RECRUITING.

Equipment of vessels.

For equipment of vessels: For coal for steamers' and ships' use, including expenses of transportation, storage, and handling; hemp, wire, hides, and other materials for the manufacture of rope and cordage; iron for manufacture of cables, anchors, galleys, and chains; canvas for the manufacture of sails, awnings, bags, and hammocks; heating apparatus for receiving-ships; and for the purchase of all other articles of equipment at home and abroad, and for the payment of labor in equipping vessels and manufacture of equipment articles in the several navy-yards, eight hundred thousand dollars; and the Secretary of the Navy is authorized and empowered, within his discretion, to constitute and introduce, as a

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portion of the equipment of the Navy, the life saving dress adopted and approved by the Life Saving Service of the United States.

Transportation and recruiting.

For expenses of recruiting: For expenses of recruiting, rent of rendezvous, and expenses of maintaining the same, advertising for men and boys, and all other expenses attending the recruiting for the naval service, and for the transportation of enlisted men and boys, at home and abroad, twenty-five thousand dollars.

Contingent.

For contingent expenses equipment and recruiting: For extra expenses of training-ships, freight and transportation of equipment stores, printing, advertising, telegraphing, books and models, postage, car-tickets, ferriage, ice, apprehension of deserters and stragglers, assistance to vessels in distress, continuous-service certificates and good-conduct badges for enlisted men, school books for training-ships, extra medals for boys, and emergencies arising under cognizance of Bureau of Equipment and Recruiting unforeseen and impossible to classify, ten thousand dollars.

Civil establishment.

For the civil establishment at navy-yards and stations, nine thousand dollars.

BUREAU OF YARDS AND DOCKS.

Maintenance.

For general maintenance of yards and docks, namely: For freight and transportation of materials and stores, books, models, maps, and drawings; purchase and repair of fire-engines; machinery, repairs on steam fire engines, and attendance on the same; purchase and maintenance of oxen and horses, and driving teams, carts, and timber-wheels, and all vehicles for use in the navy-yards, and tools and repairs of the same; dredging; postage on letters and other mailable matter on public service and telegrams; furniture for government houses and offices in the navy-yards; coal and other fuel; candles, oil, and gas; cleaning and clearing up yards, and care of public buildings; attendance on fires; lights; fire engines and apparatus; for clerical and incidental labor at navy-yards; water-tax, and for toll and ferriages; rent of officers' quarters at League Island; pay of the watchmen in the navy-yards; and for awning and packing-boxes and advertising, two hundred and sixty-four thousand dollars, of which sum sixty-four thousand dollars shall be immediately available.

Contingent.

For contingent expenses that may arise at navy-yards and stations, twenty thousand dollars.

Civil establishment.

For the civil establishment at navy-yards and stations, twenty-four thousand dollars.

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BUREAU OF MEDICINE AND SURGERY.

For support of the medical department: For surgeons' necessaries for vessels in commission, navy-yards, naval stations, Marine Corps, and Coast Survey, forty thousand dollars. Medical Department.

For the naval-hospital fund, namely: For maintenance of the naval hospitals at the various navy-yards and stations, thirty thousand dollars. And if the Secretary of the Navy shall not be able to maintain properly the whole number of naval hospitals now kept open on the amounts hereby appropriated for the maintenance of and civil establishment at naval hospitals, he shall close those which are least necessary to the service, and provide for the patients now cared for therein at such other naval hospitals as may be most convenient. Naval hospital fund.

For contingent expenses of the bureau: For freight on medical stores; transportation of insane patients to the government hospital; advertising; telegraphing; purchase of books; expenses attending the medical board of examiners; rent of rooms for naval dispensary, hygienic and sanitary investigation and illustration; purchase and repair of wagons and harness; purchase and feed of horses and cows; trees, garden tools, and seeds, twenty-five thousand dollars. Contingent.

For necessary repairs of naval laboratory, naval hospitals, and appendages, including roads, wharves, outhouses, sidewalks, fences, gardens, farms, and cemeteries, fifteen thousand dollars. Repairs.

For the maintenance of the civil establishment at the several naval hospitals, navy-yards, naval laboratory, and Naval Academy, twenty thousand dollars. Civil establishment.

BUREAU OF PROVISIONS AND CLOTHING.

For provisions for the seamen and marines; commuted rations for officers, seamen, and marines; expenses of the handling and transportation of provisions; of inspections and storehouses; purchase of water for ships for cooking and drinking purposes, and for provisions and commutation of rations for seven hundred and fifty boys, one million one hundred thousand dollars. Provisions, Navy.

For contingent expenses: For freight on shipments (except provisions), candles, fuel; books and blanks; stationery; advertising and commissions on sales; furniture for inspection and pay-offices in navy-yards; foreign postage, telegrams, and express charges; toll, ferriages, and car-tickets; yeomans stores, iron safes, ice, newspapers, and incidental expenses absolutely necessary, forty thousand dollars. Contingent.

For civil establishment, six thousand dollars. Civil establishment.

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BUREAU OF CONSTRUCTION AND REPAIR.

Construction and repair of vessels.

For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; labor in navy-yards and on foreign stations; preservation of materials; purchase of tools; wear, tear, and repair of vessels afloat, and for general care, increase, and protection of the Navy in the line of construction and repair, and incidental expenses, namely, advertising and foreign postage, one million one hundred thousand dollars: *Provided*, That no part of this sum shall be applied to the repairs of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed twenty per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to order repairs of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home.

Wooden vessels, repairs to, limited.

Civil establishment.

For the civil establishment, twenty thousand dollars.

BUREAU OF STEAM ENGINEERING.

Steam machinery.

For repairs, completion, and preservation of machinery and boilers, including steam steerers, steam capstans, steam windlasses, and so forth, in vessels on the stocks and in ordinary; purchase and preservation of all materials and stores; purchase, fitting, and repair of machinery and tools in the navy-yards and stations; wear, tear, and repair of machinery and boilers of naval vessels; incidental expenses, such as foreign postages, telegrams, advertising, freight, photographing, books, stationery, and instruments, one million dollars: *Provided*, That no part of said sum shall be applied to the repair of engines and machinery of wooden ships where the estimated costs of such repair shall exceed twenty per centum of the estimated cost of new engines and machinery of the same character and power, but nothing herein contained shall prevent the repair or building of boilers for wooden ships, the hulls of which can be fully repaired for twenty per centum of the estimated cost of a new ship of the same size and material.

Contingent.

For contingencies, such as instruments and materials for draughting-room, one thousand dollars.

Civil establishment.

For the civil establishment, ten thousand dollars.

INCREASE OF THE NAVY.

Machinery for double-turreted iron-clads.

To be applied by the Secretary of the Navy under the appropriate bureaus: For engines and machinery for the double-turreted iron-clads, in accordance with the recommendations of the Naval Advisory Board, one million dollars.

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The execution of no contract shall be entered upon for the completion of the engines and machinery of either of these vessels until the terms thereof shall be approved by said Board, who shall approve only contracts which may be to the best advantages of the government, and fair and reasonable, according to the lowest market price for similar work. And the Secretary of the Navy shall take possession of the double-turreted iron-clads, and if he thinks best, remove the same to the government navy-yards; and he shall ascertain the amounts which ought to be paid to the contractors severally for the use and occupation of their yards with said ships, and for the care thereof, and report the same, with all the facts connected therewith, to Congress.

Approval by board.

For the construction of the steel cruiser of not less than four thousand three hundred tons displacement now specially authorized by law, two steel cruisers of not more than three thousand nor less than two thousand five hundred tons displacement each, and one dispatch boat, as recommended by the Naval Advisory Board in its report of December twentieth, eighteen hundred and eighty-two, one million three hundred thousand dollars; and for the construction of all which vessels, except their armament, the Secretary of the Navy shall invite proposals from all American ship-builders whose ship-yards are fully equipped for building or repairing iron and steel steamships, and constructors of marine engines, machinery, and boilers; and the Secretary of the Navy is authorized to construct said vessels and procure their armament at a total cost for each not exceeding the amounts estimated by the Naval Advisory Board in said report, and in the event that such vessels or any of them shall be built by contract, such building shall be under contracts with the lowest and best responsible bidder or bidders, made after at least sixty days' advertisement, published in five of the leading newspapers of the United States, inviting proposals for constructing said vessels, subject to all such rules, regulations, superintendence, and provisions as to bonds and security for the due completion of the work as the Secretary of the Navy shall prescribe; and no such vessel shall be accepted unless completed in strict conformity with the contract, with the advice and assistance of the Naval Advisory Board, and in all respects in accordance with the provisions of the act of August fifth, eighteen hundred and eighty-two, except as they are hereby modified; and the authority to construct the same shall take effect at once; and the Secretary of the Navy may, in addition to the appropriation hereby made, apply to the constructing and finishing of the vessels in this clause referred to any balance of the appropriation made to the Bureaus of Construction and Repair and Steam-Engineering for the current fiscal year or in the present act which may remain available for

Steel cruisers and dispatch boat (Chicago, Boston, Atlanta and Dolphin).

Proposals.

Armament.

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Navy yards, utilization of.

that purpose: *Provided*, That he shall utilize the national navy-yards, with the machinery, tools, and appliances belonging to the government there in use in the building of said ships, or any parts thereof, as fully and to as great an extent as the same can be done with advantage to the government.

Civilian experts on Naval Advisory Board.

The services and expenses of the two civilian expert members of the Naval Advisory Board may be paid from the appropriations for the increase of the Navy, not exceeding eleven thousand dollars.

Testing deflective turrets.

For investigating and testing the practicability of deflective turrets designed by Passed Assistant Engineer N. B. Clark, twenty thousand dollars, to be available immediately, the investigation and test to be made by the Naval Advisory Board.

NAVAL ACADEMY.

Pay of professors and others.

For pay of professors and others: For two professors, namely, one of mathematics and one of chemistry, at two thousand five hundred dollars each; three professors (assistants), namely, one of physics, one of Spanish, and one of English studies, history, and law, at two thousand two hundred dollars each; six assistant professors, namely, four of French, one of English studies, history, and laws, and one of drawing, at one thousand eight hundred dollars each; sword-master, at one thousand five hundred dollars, and two assistants, at one thousand dollars each; boxing-master and gymnast, at one thousand two hundred dollars; assistant librarian, at one thousand four hundred dollars; secretary of the Naval Academy, one thousand eight hundred dollars; three clerks to Superintendent, at one thousand two hundred dollars, one thousand dollars, and eight hundred dollars, respectively; one clerk to commandant of cadets, one thousand two hundred dollars; one clerk to paymaster, one thousand dollars; one dentist, one thousand six hundred dollars; one baker, six hundred dollars; one mechanic in department of physics and chemistry, seven hundred and thirty dollars; one cook, three hundred and twenty-five dollars and fifty cents; one messenger to Superintendent, six hundred dollars; one armorer, five hundred and twenty-nine dollars and fifty cents; one gunner's mate, four hundred and sixty-nine dollars and fifty cents, and one quarter-gunner, four hundred and nine dollars and fifty cents; one cockswain, four hundred and sixty-nine dollars and fifty cents; one seaman in the department of seamanship, at three hundred and forty-nine dollars and fifty cents; six attendants at recitation rooms, library, store, chapel, and offices, at two hundred and forty dollars each; one band master, five hundred and twenty-eight dollars; twenty-one first-class musicians, at three hundred and forty-eight dollars each; seven second class musicians at

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three hundred dollars each; one attendant in the department of astronomy and one in the department of physics and chemistry, at three hundred dollars each; in all, fifty-three thousand five hundred and fifty-nine dollars.

For pay of watchman and others: For captain of the watch and weigher, at two dollars and fifty cents per day; four watchmen, at two dollars per day each; foreman of the gas and steam heating works of Academy, at five dollars per day; ten attendants at gas and steam heating works, one at three dollars, one at two dollars and fifty cents, and eight at two dollars per day each; one steam-pipe fitter, six hundred dollars; one foreman of joiners, one foreman of painters, and one foreman of masons, at three dollars and fifty cents per day each; one mason, at three dollars per day; two joiners and one painter, at two dollars and fifty cents per day each; one tinner, one gas-fitter, and one blacksmith, at two dollars and fifty cents per day each; in all, twenty-three thousand and sixty-two dollars and fifty cents.

For pay of mechanics and others: For one mechanic at workshop, at two dollars and twenty-five cents per diem; one master-laborer, to keep public grounds in order, at two dollars and twenty-eight cents per diem; fourteen laborers, to assist in same, three at two dollars per diem each and eleven at one dollar and fifty cents per diem each; one laborer, to superintend quarters of cadet-midshipmen and public grounds, at two dollars per diem; twenty servants, to keep in order and attend to quarters of cadet-midshipmen and public buildings, at twenty dollars per month each; in all, fourteen thousand five hundred and ninety dollars and twenty-three cents.

For pay of the employees in the department of steam-engineering, Naval Academy: One master-machinist, one boiler-maker, and one pattern-maker, at three dollars and fifty cents per day each; two machinists and one blacksmith, at two dollars and fifty cents per day each; four laborers, at one dollar and fifty cents per day each; in all, seven thousand six hundred and seventy-one dollars.

Repairs, Naval Academy.

For necessary repairs of public buildings, pavements, wharves, and walls inclosing the grounds of the Naval Academy, and for improvements, repairs, and furniture and fixtures, twenty-one thousand dollars: *Provided*, That no appropriations provided for in this act shall be construed to authorize or be applied to a new building for the use of the Superintendent or other officers of the Academy.

Heating and lighting.

For fuel, and for heating and lighting the Academy and schoolships, seventeen thousand dollars.

Contingent.

For contingent expenses, Naval Academy: For purchase of books for the library, two thousand dollars.

For stationery, blank-books, models, maps, and for text-books for use of instructors, two thousand dollars.

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For expenses of the Board of Visitors to the Naval Academy, one thousand five hundred dollars.

For purchase of chemicals, apparatus, and instruments in the department of physics and chemistry, and for repairs of the same, two thousand five hundred dollars.

For purchase of gas and steam machinery; steam-pipe and fittings; rent of building for the use of the Academy; freight; cartage; water; music; musical and astronomical instruments; uniforms for the bandsmen; telegraphing; for feed and maintenance of teams; for current expenses and repairs of all kinds; and for incidental labor and expenses not applicable to any other appropriation, thirty-four thousand six hundred dollars.

For stores in the department of steam-enginery, eight hundred dollars.

For materials for repairs in steam-machinery, one thousand dollars.

MARINE CORPS.

Pay, Marine Corps—
Officers active list.

For pay of officers on the active-list, as follows: For one colonel commandant, one colonel, two lieutenant-colonels, one adjutant and inspector, one quartermaster, one paymaster, four majors, two assistant quartermasters, one judge advocate-general, United States Navy, nineteen captains, thirty first lieutenants, and twenty-two second lieutenants, one hundred and seventy-four thousand and forty dollars.

Officers retired list.

For pay of officers on the retired-list: For one colonel, three majors, two assistant quartermasters, two captains, two first lieutenants, and three second lieutenants, twenty-five thousand eight hundred and fifty-eight dollars.

Pay of non-commissioned officers and enlisted force.

For pay of non-commissioned officers, musicians, and privates: For one sergeant-major, one quartermaster-sergeant, one leader of the band, and one drum-major, fifty first sergeants, one hundred and forty sergeants, one hundred and eighty corporals, thirty musicians, ninety-six drummers and fifers, and one thousand five hundred privates, three hundred and eighty-nine thousand and fifty-two dollars.

Miscellaneous items.

For ten clerks and two messengers, sixteen thousand and thirty-five dollars; payments to discharged soldiers for clothing undrawn, twenty thousand dollars; transportation of officers traveling under orders without troops, eight thousand dollars; commutation of quarters for officers where there are no public buildings, ten thousand dollars; in all, fifty-four thousand and thirty-five dollars.

Provisions, clothing, fuel.

For provisions for the Marine Corps, and for difference between cost of rations and commutation thereof for detailed men, sixty thousand dollars.

For clothing, seventy-seven thousand dollars.

For fuel, eighteen thousand dollars.

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Military stores.

For military stores, namely: For pay of one chief armorer, at three dollars per day; three mechanics, at two dollars and fifty cents per day each; purchase of military equipments, such as cartridge-boxes, bayonet-scabbards, haversacks, blanket-bags, canteens, musket-slings, swords, flags, knapsacks, drums, fifes, bugles, and other instruments, five thousand dollars; purchase of ammunition, one thousand dollars; purchase and repair of instruments for the band, and purchase of music, five hundred dollars; in all, nine thousand seven hundred and eighty-six dollars and fifty cents.

Transportation and recruiting.

For transportation of troops and for expenses of recruiting, ten thousand dollars.

Repair of barracks.

For repairs of barracks, and rent of buildings to be used for the manufacture of clothing, stores for supplies, and offices of assistant quartermaster at Philadelphia, and for hire of quarters where there are no public buildings, ten thousand dollars.

Forage.

For forage for four public horses, one for messenger to commandant and staff, Washington, District of Columbia, and three for general use at marine barracks, Mare Island, California, and League Island Pennsylvania, seven hundred and twenty dollars.

For the purchase of forage, four thousand six hundred and eighty dollars: *Provided*, That no commutation for forage shall be paid.

Contingent.

For contingencies, namely: For freight; ferriage; toll; cartage; funeral expenses of marines; stationery; telegraphing; rent of telephone; apprehension of deserters; per diem to enlisted men employed on constant labor, for periods not less than ten days; repair of gas and water fixtures; office and barrack furniture; mess utensils for enlisted men; packing-boxes; wrapping-paper; oil-cloth; crash; rope; twine; carpenter's tools; tools for police purposes; purchase and repair of hose; repairs to public carryall; purchase and repair of harness; repair of fire extinguishers; purchase and repair of handcarts and wheelbarrows; purchase and repair of cooking-stoves, and ranges, stoves where there are no grates; purchase of ice; towels and soap for offices; improving parade-grounds; repair of pumps and walks; laying drain and water pipes; introducing gas; and for other purposes, including gas and oil for marine barracks maintained at the various navy-yards and stations; and water at marine barracks, Boston, Massachusetts, Brooklyn, New York, Annapolis, Maryland, and Mare Island, California; also straw for bedding for enlisted men at the various posts, and furniture for government houses; in all, twenty-five thousand dollars.

Naval Asylum, Philadelphia.

At the Naval Asylum, Philadelphia, Pennsylvania: For superintendent, six hundred dollars; steward, four hundred and eighty dollars; matron, three hundred and sixty dollars; cook, two hundred and forty dollars; two

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assistant cooks, one hundred and sixty-eight dollars each; chief laundress, one hundred and ninety-two dollars; six laundresses, at one hundred and sixty-eight dollars each; nine scrubbers and waiters, at one hundred and sixty-eight dollars each; six laborers, at two hundred and forty dollars each; stable keeper and driver, three hundred and sixty dollars; master-at-arms, four hundred and eighty dollars; corporal, three hundred dollars; barber, three hundred and sixty dollars; carpenter, eight hundred and forty-five dollars; water rent and gas, two thousand dollars; ice, two hundred dollars; car tickets, two hundred and fifty dollars; cemetery and burial expenses, and headstones, three hundred and fifty dollars; improvement of grounds, five hundred dollars; repairs to buildings and preservation of all kinds, painting, and for grates, furnaces, ranges, furniture, and repairs of furniture, four thousand five hundred dollars; and for support of beneficiaries, forty-three thousand five hundred dollars; in all, fifty-nine thousand eight hundred and thirteen dollars, which sum shall be paid out of the income from the naval pension fund.

Officers, employment of, on shore duty.

SEC. 2. That hereafter no officer of the Navy shall be employed on any shore duty, except in cases specially provided by law, unless the Secretary of the Navy shall determine that the employment of an officer on such duty is required by the public interests, and he shall so state in the order of employment, and also the duration of such service, beyond which time it shall not continue.

Required by the public interests.

Approved, March 3, 1883.

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FORTY-EIGHTH CONGRESS, FIRST SESSION—JULY 7, 1884.

[PUBLIC—No. 113.]

AN ACT Making temporary provision for the naval service.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That for the purpose of providing for the expenses of the naval service for the six months ending December thirty first, eighteen hundred and eighty four, there is hereby appropriated out of any money in the Treasury not otherwise appropriated one half or fifty per centum of the sums of money (and for the like purposes and continuing the same provisions relating thereto) as were appropriated for the service of the fiscal year ending June thirtieth, eighteen hundred and eighty four, by the act entitled "An act making appropriations for the naval service for the fiscal year ending June thirtieth eighteen hundred and eighty-four and for other purposes" approved March third eighteen hundred and eighty three (except as hereinafter declared), subject to all the limitations and conditions in respect to the disbursement of the appropriations hereby made that were imposed by said act and the other laws of the United States upon or in respect to the appropriations made by said act: *Provided*, That nothing is appropriated by this act "for special ocean surveys and the publication thereof" or "for the purchase and manufacture after full investigation and test in the United States under the direction of the Secretary of the Navy of torpedoes adapted to naval warfare or of the right to manufacture the same and for the fixtures and machinery necessary for operating the same"; That the clause under the heading "Bureau of Yards and Docks" commencing "For general maintenance of yards and docks" is amended so as to appropriate for the six months herein provided for the sum of one hundred and ten thousand dollars;

Expenses of naval service for six months ending Dec. 31, 1884.

That under the heading "Increase of the Navy" in said act, in lieu of all the paragraphs thereunder and preceding the heading of "Naval Academy" there is hereby substituted the following:

For continuing work upon the three new steel cruisers and one dispatch boat authorized by act of Congress approved March third eighteen hundred and eighty-three as follows: Chicago three hundred and forty nine thousand one hundred and thirty three dollars and forty five cents; Boston, two hundred and thirty one thousand eight hundred and fifty three dollars and twenty eight cents;

Continuing work on three new steel cruisers.

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Atlanta two hundred and thirty one thousand eight hundred and fifty three dollars and twenty seven cents; Dolphin one hundred and eight thousand six hundred and sixty dollars, in all nine hundred and twenty one thousand five hundred dollars; the four pivot-guns of the Chicago to be mounted on Clark's deflective single-gun turrets or V shields, of the same weight as is now allowed for the mounting and armor protection of the guns: *Provided*, That it shall not change the contract entered into by the Government for the construction of said vessels.

"For completion of steam-machinery and boilers, with necessary fittings for sea-service, of steel cruisers and dispatch boat, under contract with John Roach, as per act approved March third, eighteen hundred and eighty-three: United States steel cruiser Chicago, two hundred and twenty thousand dollars; United States steel cruiser Boston, one hundred and fifty five thousand dollars; United States steel cruiser Atlanta, one hundred and fifty five thousand dollars; United States dispatch-boat Dolphin, ninety thousand dollars; in all, six hundred and twenty thousand dollars.

"For completing equipment outfits of three new cruisers and one dispatch-boat, now in course of construction, seventy eight thousand six hundred dollars."

"For navigation outfit of the four new steel cruisers, thirty thousand dollars."

"For ordnance outfit of the three new steel cruisers and one dispatch boat, five hundred thousand dollars."

Nothing herein contained shall be construed as appropriating money for or authorizing the continuation of work upon the double-turreted-monitors, Monadnock, Terror, Amphitrite, and Puritan, and any unexpended balance now remaining of the appropriation contained in said act approved March third, eighteen hundred and eighty three, for engines and machinery for the said double turreted monitors shall be covered into the Treasury, except such part thereof as may be required under existing contracts made for the engines and machinery of the three last named monitors.

Work on four monitors prohibited.

Approved, July 7, 1884.

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FORTY-EIGHTH CONGRESS, SECOND SESSION—JANUARY 30, 1885.

[PUBLIC—No. 19.]

AN ACT making additional appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and eighty-five, and for other purposes.

[Only so much of this act is quoted as is new. Provision is made for the Naval Establishment and, under "Pay of the Navy," is added an item, "* * * for traveling expenses of apothecaries, yeomen, and civilian employees, * * *."

All the items under contingent expenses of the Navy for fiscal year 1884 have been transferred and included intact in the appropriation "Pay, miscellaneous," 1885, except:

"For all emergencies and extraordinary expenses arising at home or abroad, but impossible to be anticipated or classified, exclusive of personal services in the Navy Department or any of its subordinate bureaus or offices at Washington, District of Columbia, seven thousand five hundred dollars."]

BUREAU OF NAVIGATION.

Compass-testing house.

Provision is made "for erection of compass-testing house."

BUREAU OF ORDNANCE.

Furniture.

Provision is made, under ordnance and ordnance stores, "* * * for furniture at magazines, at the ordnance dock, New York, and at the naval experimental battery, * * *."

BUREAU OF PROVISIONS AND CLOTHING.

Ration or commutation allowed.

It is "* * * provided that all enlisted men and boys in the Navy, attached to any United States vessel or station and doing duty thereon, and naval cadets, shall be allowed a ration, or commutation thereof in money, under such limitations and regulations as the Secretary of the Navy may prescribe."

BUREAU OF CONSTRUCTION AND REPAIR.

Provision is made for "* * * telegrams, photographing, books, plans, stationery, and instruments for drawing-room, * * *."

BUREAU OF STEAM ENGINEERING.

Provision appropriating "* * * the unexpended balance of the appropriation of one million dollars made by the act approved March third, eighteen hundred and

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eighty-three, for engines and machinery for the double-turreted iron-clads be, and the same is hereby, reappropriated and made available during the last half of the year ending June thirtieth, eighteen hundred and eighty-five, * * *."

INCREASE OF THE NAVY.

Mohican. Provision "for completing the Mohican at the Mare Island Navy Yard, fifty thousand dollars.

"For care and safe-keeping of the iron-clad monitors now in the hands of the contractors, when they shall have been turned over to the Government by said contractors, five thousand dollars."

* * * * *

MARINE CORPS.

Limiting number of officers of Marine Corps. A provision "* * * From and after the passage of this act there shall be no appointments, except by promotion, to fill vacancies occurring in the list of commissioned officers of the Marine Corps until the number of such officers shall have been reduced, by casualties or otherwise, below seventy-five as fixed by the act approved June thirtieth, eighteen hundred and seventy-six; and after the number of officers shall be reduced as above provided, the whole number of commissioned officers on the active list in the Marine Corps shall not exceed seventy-five."

* * * * *

A provision "* * * That all appropriations made by the act of July seventh, eighteen hundred and eighty-four, making temporary provisions for the naval service for the six months ending December thirty-first, eighteen hundred and eighty-four, or any balances thereof that may be unexpended at that date, be, and they are hereby, reappropriated, continued, and made available for the remainder of the fiscal year ending June thirtieth, eighteen hundred and eighty-five.

Secretary of the Navy to report to Congress; civilian employees. "* * * That the Secretary of the Navy is hereby directed to report to Congress, at its next and each regular session thereafter, the amount expended during the prior fiscal year, from the appropriations for the pay of the Navy, Bureaus of Navigation, Ordnance, Equipment and Recruiting, Yards and Docks, Medicine and Surgery, Provisions and Clothing, Construction and Repair, and Steam-Engineering, for civilians employed on clerical duty, or in any other capacity than as ordinary mechanics and workingmen, and to submit, under the estimates for pay of the Navy and for the respective Bureaus enumerated above, specific estimates for such civilian employees for the fiscal year eighteen hundred and eighty-seven, and each fiscal year thereafter."

Approved, January 30, 1885.

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FORTY-EIGHTH CONGRESS, SECOND SESSION—MARCH 3, 1885.

[PUBLIC—No. 90.]

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and eighty-six, and for other purposes.

["Pay of the Navy" contains practically the same items as the act for the previous year, but after the paragraph "For pay to petty officers, seamen, ordinary seamen, landsmen, and boys, including men in the engineer's force and for the Coast Survey service, not exceeding eight thousand two hundred and fifty in all, two million four hundred and ninety thousand dollars," there is a division headed "Miscellaneous," which contains the remainder of the items formerly under "Pay of the Navy," beginning "For two secretaries, one to the Admiral and one to the Vice-Admiral, clerks to paymasters, clerks at inspections, navy-yards, and stations, and extra pay to men enlisted under honorable discharge;" and continuing with practically the same language as in previous act to the end of the paragraph.]

BUREAU OF ORDNANCE.

Wording is slightly changed. Practically the same items appropriated for as heretofore with some additions and, in altered form, as follows:

"For preserving and handling ordnance and ordnance material of the kinds now in service, for the armament of ships therewith, for the purchase or manufacture of ammunition therefor, for materials and labor to be used in the general work of the Ordnance Bureau for these purposes; for furniture at magazines, at the ordnance dock, New York, and at the naval ordnance proving-ground, * * *."

A provision "for the purchase or manufacture of steel guns of small caliber for ships now in service, and for testing the same at the naval ordnance proving ground, * * *. Steel guns of small caliber.

"For the completion and public test of two breech-loading rifle cannon of the larger calibers now in course of construction for the Navy, with carriages and ammunition for both, * * *. Two breech-loading rifled cannon.

"For completing a six-inch wire-wound gun, * * *. One six-inch wire-wound gun.

"For testing American armor made of American material, * * *." American armor.

BUREAU OF MEDICINE AND SURGERY.

* * * * *

A provision "for contingent expenses of the bureau: For * * * expressage on medical stores; toll, fer- Contingent expenses.

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riages; * * * rent of telephones; * * * postage and purchase of stamps for foreign service; * * * rent of rooms for * * * museum of hygiene; * * * plants; * * * furniture and incidental articles for museum of hygiene, naval dispensary, Washington, naval-laboratory, sick-quarters at Naval Academy, and dispensaries at navy-yards; washing for medical department at museum of hygiene, naval dispensary, Washington, naval laboratory, sick-quarters at Naval Academy, dispensaries at navy-yards, and for receiving-ships and rendezvous, twenty-five thousand dollars."

Naval laboratory.

* * * * *

BUREAU OF PROVISIONS AND CLOTHING.

"For provisions for the seamen and marines; commuted rations for * * *, naval cadets, * * *."

Provisions, Navy.

A provision for expenses of naval clothing factory.

NAVAL ACADEMY.

Practically the same expenditures as in previous acts, provided for with slight changes.

INCREASE OF THE NAVY.

Under "Increase of the Navy" it is provided: "To enable the President to strengthen the naval establishment of the United States by additional vessels of the best and most modern design, having the highest attainable speed, the sum of one million eight hundred and ninety-five thousand dollars is hereby appropriated, to be expended as follows and under the following limitations:

"For the construction of two cruisers of not less than three thousand nor more than five thousand tons displacement, costing, exclusive of armament, not more than one million one hundred thousand dollars each; one heavily armed gunboat of about sixteen hundred tons displacement, costing, exclusive of armament, not more than five hundred and twenty thousand dollars; and one light gunboat of about eight hundred tons displacement, costing, exclusive of armament, not more than two hundred and seventy five thousand dollars; and authority is hereby given for the construction of said four vessels, at not exceeding the total cost for each above specified, in accordance with such final plan as may be determined upon, after a revision and reconsideration of all designs which have been heretofore made, and in the manner and conformity to the conditions and limitations provided for the construction of the new cruisers in the acts of August fifth, eighteen hundred and eighty-two, and of March third, eighteen hundred and eighty-three, except so far as said acts provide for and define the duties of Naval Advisory Board.

Two additional cruisers.

Two additional gunboats.

"SEC. 2. That the President be, and he is hereby, authorized to return the Arctic steamer Alert to Her Maj-

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esty's Government, with the thanks of the Government of the United States for the generous and graceful act of courtesy in so promptly tendering the gift of that vessel, and for the valuable service thereby rendered to the cause of science and humanity.

"SEC. 3. That the Secretary of the Navy be, and he is hereby, directed to transfer to the Treasury Department, for use as a revenue-cutter in the waters of Alaska, the steamer Bear, of the late Greely relief expedition, and is hereby authorized to place the steamer Thetis for use in the Navy, as a surveying vessel or otherwise." Bear. Thetis.

Approved, March 3, 1885.

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FORTY-NINTH CONGRESS, FIRST SESSION—JULY 26, 1886.

[PUBLIC—No. 139.]

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and eighty-seven, and for other purposes.

[Provision is made for the Naval Establishment, and under the headings—]

PAY OF THE NAVY.

Officers' duty differentiated.

Provision: "For the pay of officers on sea-duty; officers on shore and other duty; officers on waiting orders; officers on the retired-list; Admiral's and Vice-Admiral's secretaries; clerks to commandants of yards and stations; clerks to paymasters at yards and stations; inspections; receiving-ships and other vessels; extra pay to men reenlisting under honorable discharge; pay of petty officers, seamen, landsmen, and boys, including men in the engineers' force, and for the Coast Survey service and Fish Commission, seven thousand five hundred men and seven hundred and fifty boys at the pay prescribed by law; * * *."

PAY, MISCELLANEOUS.

Canal tolls, tuition, etc.

"* * * ferriage, tolls, * * *; canal tolls * * *; cost of special instruction at home or abroad, including maintenance of students, * * * and other necessary incidental expenses, * * *."

Civilian experts, Naval Advisory Board, pay of.

Provision: "For the compensation of the two civilian members of the Naval Advisory Board for the time they may serve after June thirtieth, eighteen hundred and eighty-six, at the rate of two thousand five hundred dollars each for six months, and of two hundred and fifty dollars each for traveling and other expenses for six months, five thousand five hundred dollars: *Provided*, That the sum accepted by them under this act shall be in full of all services rendered after June thirtieth, eighteen hundred and eighty-six."

* * * * *

BUREAU OF NAVIGATION.

* * * * *

Surveys, Mexican coast.

Provisions: "For preparing and engraving on copper plates the surveys of the Mexican coast, and for publishing the same, * * *.

"For completing compass-testing houses, and furniture for same, * * *.

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Contingent, additions. "For contingent expenses of the Bureau of Navigation, namely: For * * * furniture, stationery, and fuel for navigation offices at navy-yards, * * *.

Transit of Venus Commission. "For the completion and other expenses connected with the reduction of the observations of the transit of Venus, in eighteen hundred and seventy-four and eighteen hundred and eighty-two, to be expended under the direction of the Transit of Venus Commission: *Provided*, That said Commission shall deliver all the instruments and other public property in its possession into the custody of the Secretary of the Navy, three thousand dollars.

Civil establishment. "For the civil establishment at navy-yards and stations, including master of tugs, storekeepers, clerks, writers, and all clerical work, * * *; and no other fund appropriated by this act shall be used in payment for such services."

BUREAU OF ORDNANCE.

* * * * *

Test of rifled cannon. "One or more rifled cannon of each type constructed at the cost of the United States for the Navy shall be publicly subjected to the proper test for endurance, including such rapid firing as a like gun would be subjected to in battle. This test shall be under the direction and to the satisfaction of the Secretary of the Navy, and if such guns do not prove satisfactory, the type they represent shall not be put in use in the naval service.

* * * * *

Civil establishment. "For the civil establishment at navy-yards and stations, including writers, clerks, foreman, draughtsmen, assistant draughtsman, and a chemist, twenty-three thousand two hundred and four dollars; and no other fund appropriated by this act shall be used in payment for such services.

* * * * *

Ferry launch. "For new ferry-launch, in place of the one now in use, which shall be sold, and building fuse-room and coal-shed, * * *.

Armament, steam cruisers. "Chicago, Boston, Atlanta, and Dolphin: To complete the armament of the three steam-cruisers, the Chicago, Boston, and Atlanta, and the dispatch boat Dolphin, * * *."

BUREAU OF EQUIPMENT AND RECRUITING.

Civil establishment. "For the civil establishment at navy-yards and stations, including clerks, writers, and superintendent of rope-walk, * * *."

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BUREAU OF YARDS AND DOCKS.

"For the civil establishment at navy-yards and stations, consisting of writers, clerks, messengers, telegraph operators, draughtsmen, foreman laborers and foreman masons, quarterman brick and stone masons, and pilots, including the work of bell-ringing and lamp lighting, * * *; and no other fund appropriated by this act shall be used in payment for such service." Civil establishment.

* * * * *

BUREAU OF PROVISIONS AND CLOTHING.

"For * * * commuted rations stopped on account of sick in hospital and credited to the hospital fund; water for drinking and cooking purposes on board ships; and for labor and expenses of inspections, * * *; and the sum of two hundred and fifty thousand dollars of the amount now standing to the credit of the clothing fund, and the further sum of seventy-five thousand dollars of the amount now standing to the credit of the small stores fund of the Bureau of Provisions and Clothing shall be forthwith covered into the Treasury. Credits of clothing fund and small stores fund covered into the Treasury.

"For the civil establishment, to include firemen, writers, receivers, assistant receivers, messengers, leading men and pressmen in inspection office, superintendent of coffee and spice mill, box-maker, coffee-roaster, engine-tender, teamster, telephone-operating, cutter, machine-operator, and two laborers, thirty-five thousand dollars; and no other fund appropriated by this act shall be used in payment for such services." Civil establishment.

BUREAU OF CONSTRUCTION AND REPAIR.

"* * * *Provided*, That in the discretion of the Secretary of the Navy thirty thousand dollars of the amount hereby appropriated may be used to repair and furnish a suitable vessel, if in his judgment it can be done without injury to the service, said vessel to be used as a nautical school ship at the port of Philadelphia, Pennsylvania, under the authority and provisions of the act of Congress of June twentieth, eighteen hundred and seventy-four; but the United States shall be put to no charge or expense and shall incur no liability in relation to said vessel while the same is in such use: * * *. School ship.

"Chicago, Boston, Atlanta, and Dolphin: To complete the construction of the three steel cruisers the Chicago, Boston, and Atlanta, and to pay the amount due on the dispatch-boat Dolphin, authorized by the act approved March third, eighteen hundred and eighty-three, ninety-five thousand eight hundred and sixty-one dollars." Completion of three steel cruisers and one dispatch boat.

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BUREAU OF STEAM-ENGINEERING.

* * * * *

Civil establishment.

"For the civil establishment in the navy-yards, to include clerks, draughtsmen, assistant draughtsmen, messengers, writers, receivers, and weighers, * * *.

"The duties of the several clerks, writers, and other employees at the navy-yards appropriated for in this act shall be designated by the Secretary of the Navy or under his direction."

NAVAL ACADEMY.

* * * * *

Special course study, naval cadets.

"For special course of study and training of naval cadets, as authorized by act of Congress approved August fifth, eighteen hundred and eighty-two, five thousand dollars."

* * * * *

Board of Visitors.

"For expenses of the Board of Visitors to the Naval Academy, * * *, being for mileage and five dollars per diem for each member for expenses during actual attendance at the Academy."

* * * * *

Huron dead.

"For head-stones for the graves of sixty sailors and marines buried in the naval cemetery at the Naval Academy, Annapolis, Maryland, who lost their lives by being wrecked in the United States steamer Huron, five hundred dollars.

Naval Observatory.

"For commencing the erection of the new Naval Observatory on the site purchased under the act of Congress approved February fourth, eighteen hundred and eighty, fifty thousand dollars: *Provided*, That the construction of no building shall be commenced except an observatory proper, with necessary offices for observers and computers."

* * * * *

Balances turned into Treasury.

For "All balances of moneys appropriated for the pay of the Navy or pay of the Marine Corps, for any year existing after the accounts for said year shall have been settled shall be covered into the Treasury."

Approved, July 26, 1886.

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FORTY-NINTH CONGRESS, FIRST SESSION—AUGUST 3, 1886.

[PUBLIC—No. 167.]

AN ACT To increase the Naval establishment.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the President is hereby authorized to have constructed, as hereinafter provided—

Armored vessels.

First. Two sea-going double-bottomed armored vessels of about six thousand tons displacement, designed for a speed of at least sixteen knots an hour, with engines having all necessary appliances for working under forced draught, and costing, including engines and machinery and excluding armament, not more than two million five hundred thousand dollars each. Said vessels shall have each a complete torpedo outfit and be armed in the most effective manner.

Cruiser.

Second. One protected double-bottomed cruiser of not less than three thousand five hundred nor more than five thousand tons displacement, designed to have the highest practicable speed and furnished with the best type of modern engines, furnished with necessary appliances for working under forced draught. Said vessel shall cost, including engines and machinery and excluding armament, not exceeding one million five hundred thousand dollars.

Torpedo boat.

Third. One first class torpedo-boat, costing in the aggregate not more than one hundred thousand dollars.

SEC. 2. That the vessels hereinbefore authorized to be constructed shall be built of steel of domestic manufacture, having a tensile strength of not less than sixty thousand pounds per square inch, and an elongation in eight inches of not less than twenty-five per centum.

Completion of monitors.

SEC. 3. That the President is hereby authorized to direct the completion, as hereinafter provided, of the double-turreted monitors Puritan, Amphitrite, Monadnock, and Terror, at a total cost, exclusive of armament, not to exceed three million one hundred and seventy-eight thousand and forty-six dollars.

Armor of domestic manufacture.

SEC. 4. That the armor used in constructing said armored vessels and for completing said monitors shall be of the best obtainable quality and of domestic manufacture, provided contracts for furnishing the same in a reasonable time, at a reasonable price, and of the required quality can be made with responsible parties. Such armor shall be accepted only after passing such tests as shall be prescribed by the Secretary of the Navy and inserted in the contracts.

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Completion in navy yard of one vessel.

SEC. 5. That the Secretary of the Navy shall cause one or more of the new vessels hereinbefore provided for to be constructed and one or more of the said monitors to be completed in one or more of the navy-yards of the United States; and if he shall be unable to contract with responsible parties to construct or complete, at reasonable prices, all or any of the vessels hereinbefore provided for, he shall cause the same to be constructed or completed in such of the navy-yards of the United States as may be best adapted thereto.

New vessels, machinery of, domestic manufacture.

SEC. 6. That the engines, boilers, and machinery of all the new vessels provided for by this act shall be of domestic manufacture and procured by contract, unless the Secretary of the Navy shall be unable to obtain the same at fair prices, in which case he may construct the same, or any portion thereof, in the navy-yards of the United States: *Provided*, That the Secretary of the Navy may purchase abroad only such shafting as it may be impossible to obtain in the United States in time for use in the construction of the vessels herein provided for.

SEC. 7. That the Secretary of the Navy shall not contract for the construction or completion of any of said vessels, or of their engines, machinery, or boilers, until drawings and specifications of the same shall have been provided or adopted by him; and after said drawings and specifications shall have been provided, adopted, and approved as aforesaid, and work shall have been commenced on any contract made therefor, such plans and specifications shall not be changed in any respect when the cost of such change in the execution of the work exceeds five hundred dollars, except upon the written order of the Secretary or Acting Secretary of the Navy; and if changes are thus made, the actual cost thereof and the damage caused thereby shall be ascertained, estimated, and determined by a board of naval officers to be provided for in the contract; and in any contract made pursuant to this act it shall be provided in the terms thereof that the contractor shall be bound by the determination of said board, or a majority thereof, as to the amount of increase or diminished compensation said contractor shall be entitled to receive, if any, in consequence of such change or changes. In every contract to be made under this act there shall be prescribed a period within which the work provided for in said contract, or specified portions thereof, shall be completed, and the completion of such work within the periods prescribed shall be insured by penal provisions. For the construction or completion of such vessels hereinbefore provided for as the Secretary of the Navy shall propose to have constructed or completed by contract, as well as also for the engines, boilers, and machinery hereinbefore provided for, he shall invite

Proposals from American shipbuilders.

proposals from every American shipbuilder and other person who shall show to the satisfaction of the Secre-

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tary of the Navy that within three months from the date of the contract he will be possessed of the necessary plant for the performance of the work in the United States which he shall offer to undertake, and such contract shall be let to the lowest and best responsible bidder or bidders, after at least sixty days' advertisement, published in five leading papers of the United States, inviting proposals for the work proposed, which work shall be subject to all such rules, regulations, superintendence by naval officers during construction, and provisions as to bonds and security for the quality and due completion of the work as the Secretary of the Navy shall prescribe; and no vessel, boiler, engine, machinery, or portion thereof shall be accepted unless completed in strict conformity with the contract; and the authority given hereby shall take effect at once. The Secretary of the Navy shall have the power to reject any or all bids made under the provisions of this act.

Armament of vessels authorized.

SEC. 8. That the sum of one million dollars is hereby appropriated towards the armament of the vessels authorized by the act of March third, eighteen hundred and eighty-five, of the vessels authorized by section one of this act, and of the unfinished monitors hereinbefore mentioned, and of the Miantonomoh; and the Secretary of the Navy is hereby authorized to direct the application of such portions of this sum as may be necessary to the manufacture or purchase of such tools and machinery or the erection of such structures as may be required for use in the manufacture of such armament, or any part thereof: *Provided*, That the Secretary of the Navy may contract with domestic manufacturers for the construction of such portion of the heavy guns herein provided for as may not be built by the Government.

Miantonomoh.

Dynamite gun cruiser authorized.

Pneumatic Dynamite-Gun Company.

SEC. 9. That the Secretary of the Navy is hereby authorized to contract with the Pneumatic Dynamite-Gun Company of New York for one dynamite-gun cruiser, as follows: Said cruiser to be not less than two hundred and thirty feet long, twenty-six feet breadth of beam, seven and one-half feet draught, three thousand two hundred horse-power, and guaranteed to attain a speed of twenty knots an hour, and to be equipped with three pneumatic dynamite-guns of ten and one-half inch caliber, and guaranteed to throw shells containing two hundred pounds of dynamite or other high explosives at least one mile, each gun to be capable of being discharged once in two minutes, at a price not to exceed three hundred and fifty thousand dollars; said contract to be made only on condition that there shall be a favorable report made by the existing Naval Board on the system; to be paid for as the work progresses, and upon the report of such board or boards of inspectors as the Secretary of the Navy may for that purpose appoint, reserving thirty per centum on

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all such payments until the whole work is completed and accepted by the Secretary of the Navy.

The Pneumatic Dynamite-Gun Company shall furnish bonds satisfactory to the Secretary of the Navy for the faithful performance of its contract, and for the refunding of the money paid hereunder in case of the non-performance of the same, and shall further agree with the Secretary of the Navy upon a limit of price which shall not be exceeded in any future contracts which the Government may desire to enter into for the purchase of the company's guns.

SEC. 10. That towards the construction and completion of the vessels hereinbefore mentioned, including the vessel and guns mentioned in section nine, the sum of two million five hundred thousand dollars is hereby appropriated, of which not more than seventy-five thou-

Experiment with torpedoes.

sand dollars may be expended in manufacturing, purchasing, and experimenting with torpedoes of domestic manufacture and not exceeding one hundred and fifty thousand dollars may be expended, under the direction of the Secretary of the Navy, in improving the plant of such of the navy-yards as he may select.

Approved, August 3, 1886.

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FORTY-NINTH CONGRESS, SECOND SESSION—MARCH 3, 1887.

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and eighty-eight, and for other purposes.

[In this act the method of dealing with civil establishment at navy yards and stations differs from the plan hitherto followed, in that the positions and salaries of the several employees are specifically mentioned. Publishing the statutory positions of clerical, drafting, inspection and messenger service at navy yards and stations is not deemed to be of sufficient importance to refer to here. Accordingly provisions relating to civil establishment, in so far as they relate to individual positions, are omitted until such time as the subject is later treated generally.

Provision is made for the Naval Establishment, and under the headings—]

BUREAU OF ORDNANCE.

For "ordnance and ordnance stores: * * * Twenty thousand four hundred dollars, or so much thereof as may be necessary, may be used, in the discretion of the Secretary of the Navy, for the purchase and completion of three steel-cast, rough-bored and turned, six-inch, high-power rifle cannon, of domestic manufacture, one of which shall be of Bessemer steel, one of open hearth steel, and one of crucible steel: *Provided*, That the castings for said cannon shall not be paid for until the cannon shall have been completed and have successfully stood the statutory test required by the act of July twenty-sixth, eighteen hundred and eighty-six, entitled 'An act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and eighty-seven, and for other purposes.' High-power rifled cannon.

"For proof of naval armament, six thousand dollars. Proof of naval armament.

"For purchase of land for proving and ranging ground for naval guns, and for constructing buildings, butts, shelters, and batteries, forty thousand dollars." Proving ground.

* * * * *

"Torpedo Corps: For * * * extension to electrical laboratory, three thousand dollars; ponton, eight hundred dollars; repairs to sea-wall, three thousand dollars; water-pipe from Newport to station, one thousand dollars; * * *." Torpedo Corps.

Provision "to enable the Secretary of the Navy to purchase the steamer Stiletto for use as a torpedo boat for experimental purposes, twenty-five thousand dollars." Steamer Stiletto.

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BUREAU OF YARDS AND DOCKS.

* * * * *

Boston. For "public works: For rebuilding wharves at navy-yard, Boston, Massachusetts, twenty-five thousand dollars;

"For rebuilding floating-gate, dry-dock, Boston, Massachusetts, to be immediately available, thirty-one thousand dollars.

Timber dry docks. "For two timber dry-docks, to be located at such navy-yards as the Secretary of the Navy may indicate, each dock to be not less than four hundred and eighty feet in length, the cost of the two docks not to exceed in the aggregate the amount herein appropriated, one million one hundred thousand dollars;

Norfolk. "For railroad extension in the navy-yard at Norfolk, Virginia, and engine-house, twenty thousand dollars;

Mare Island. "For cisterns at the navy-yard at Mare Island, California, forty-six thousand three hundred and sixty-four dollars;

"For repairs and preservation at navy-yards, four hundred and fifty thousand dollars;

Training station, Coaster's Harbor Island. "Naval Training Station, Coaster's Harbor Island, Rhode Island: For extending wharf and dredging; repairs to main causeway, sea-wall, roads, buildings, and grounds, and the necessary labor and implements required for the proper preservation of the same; for repairs and improvements on buildings; heating, lighting, and furniture for same; books and stationery; freight and other contingent expenses; purchase of food and maintenance of horses and mail-wagon, and attendance on same, fourteen thousand dollars.

Naval Observatory. "For continuing the erection of the new Naval Observatory authorized by the act of Congress approved July twenty-sixth, eighteen hundred and eighty-six, sixty thousand dollars, of which sum ten thousand dollars may be used for the purchase of a new meridian circle. Said observatory shall not cost more than four hundred thousand dollars and no work shall be done thereon except under a contract which shall provide for the completion of the same, upon plans previously adopted, for a sum not exceeding said limit of cost hereby affixed; * * *."

BUREAU OF MEDICINE AND SURGERY.

* * * * *

Naval hospital, Penobscot Bay, Me. For "naval hospital and sanitarium: For the construction of a naval hospital and sanitarium, and wharf for landing, on Widows Island, Penobscot Bay, Maine, fifty thousand dollars, to be immediately available; said sum to be in full for all expenses of erecting and furnishing said sanitarium, including all necessary improvements on the island."

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For the improvement of the naval-hospital park at Portsmouth, Virginia, five thousand dollars. Portsmouth, Va.

BUREAU OF PROVISIONS AND CLOTHING.

* * * * *

For contingent expenses: A provision to "* * * pay the expenses of consolidating and arranging under orders of the Secretary of the Navy, the stores and other property of the United States under control of the Department of the Navy, to be immediately available, twenty thousand dollars, or so much thereof as may be necessary." Consolidating stores.

* * * * *

BUREAU OF CONSTRUCTION AND REPAIR.

"* * * *Provided*, * * * The Secretary of the Navy shall sell the New York, under the laws and regulations applicable to the sale of condemned property in the Navy Department." New York, sale of.

* * * * *

NAVAL ACADEMY.

"For * * * repairs to wharves, * * * boat-house for steam launches and addition to library building." Repairs, miscellaneous.

MARINE CORPS.

* * * * *

"For pay of retired enlisted men: For one sergeant-major, one drum-major, one first sergeant, four sergeants, one first-class musician, two drummers, one fifer, and five privates, * * *. Pay of retired enlisted men.

"Provisions, Marine Corps: For one thousand non-commissioned officers, musicians, and privates, three hundred and sixty-six days, at one ration per day, three hundred and sixty-six thousand rations, at sixteen cents per ration; Provisions, Marine Corps.

"Difference between the cost of rations at sixteen cents and commutation at one dollar for one enlisted man employed as clerk to colonel commandant, three hundred and sixty-six days, three hundred and sixty-six rations, at eighty-four cents per ration;

"Difference between the cost of rations at sixteen cents and commutation at seventy-five cents for nine enlisted men employed as clerks and messengers in commandant's, adjutant and inspector's, paymaster and quartermaster's offices, Washington, District of Columbia, and assistant quartermaster's offices, Philadelphia, Pennsylvania, and San Francisco, California, three hundred and sixty-six

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to be expended by the President, in the exercise of his discretion, upon plans and specifications, to be furnished by the Navy Department:

Coast and harbor defense.

For floating batteries or rams, or other naval structures, to be used for coast and harbor defense, one million dollars. The final cost of said floating batteries, rams, or other naval structures, exclusive of armament, shall not exceed two million dollars.

Torpedoes, etc.

For the purchase of, and the trial and testing of torpedoes and appliances using explosives to be operated from naval vessels, floating batteries, or rams, fifty thousand dollars, which sum shall be immediately available.

Domestic material to be used.

That the material used in all naval structures provided for in this act, and the armament for the same shall be, so far as practicable, of American production and furnished and manufactured in the United States, and all contracts made for their construction shall be under the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the naval establishment:" *Provided*, That the Secretary of the Navy may employ and pay out of appropriations for new ships such civilian expert aids, additional draughtsmen, writers, copyists, and model-makers on the designs therefor as may be necessary.

Five monitors.

SEC. 4. For expenditure towards the construction and completion (exclusive of armament) of the five double-turreted monitors, the four vessels authorized by the act of March third, eighteen hundred and eighty-five, and the vessels authorized by the act of August third, eighteen hundred and eighty-six, two million four hundred and twenty thousand dollars.

Armament.

Towards the armament, of domestic manufacture, for the vessels authorized by the act of March third, eighteen hundred and eighty-five, of the vessels authorized by sections one and two of the act of August third, eighteen hundred and eighty-six, of the unfinished monitors mentioned in section three of the same act, and of the Miantonomoh, and of the vessels authorized by this act, two million one hundred and twenty-eight thousand three hundred and sixty-two dollars.

Armor and gun steel.

Towards procuring, testing, and delivering the armor and gun steel for the vessels authorized by section one of the act of August third, eighteen hundred and eighty-six, and the unfinished monitors mentioned in section three of the same act, and the vessels authorized by this act, four million dollars: *Provided*, Said armor and gun steel shall be of domestic manufacture.

Approved, March 3, 1887.

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FIFTIETH CONGRESS, FIRST SESSION—SEPTEMBER 7, 1888.

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and eighty-nine, and for other purposes.

[Provision is made for the Naval Establishment, and under the headings—]

* * * * *

BUREAU OF NAVIGATION.

* * * * *

Training station, Coasters Harbor Island.

Provides for "Training Station, Coasters' Harbor Island, Rhode Island: For repairs and improvements on buildings at Coasters' Harbor Island; heating, lighting, and furniture for same; books and stationery; freight and other contingent expenses; purchase of feed and maintenance of horses and mail-wagons, and attendance on same; and to enable the naval war college to be conducted at said Island up to January first, eighteen hundred and eighty-nine, ten thousand dollars: *Provided*, That the Secretary of the Navy is hereby authorized to consolidate and place under one command the torpedo station and the naval war college at Newport, Rhode Island, after said date."

Command, consolidation of, torpedo station and war college.

* * * * *

BUREAU OF ORDNANCE.

Gunnery prizes for enlisted men.

For "Ordnance and ordnance stores: For * * * prizes to enlisted men for excellence in ordnance exercises and target practice, * * *.

Ammunition for Vesuvius.

"For ammunition for the guns of the Vesuvius, twelve thousand dollars;

* * * * *

Modern guns and ammunition.

"For modern guns and ammunition for instructing the cadets of the Naval Academy, fifty-five thousand dollars;

"For modern guns and ammunition for instructing the apprentices of the training squadron, fifty thousand dollars; * * *."

Torpedo corps: For—

"New landing stage, * * *;

"Completing repairs to sea-wall, * * *;

"Quarters for surgeon, * * *;

"For correcting the sanitary condition of the cottages used as quarters at the station, * * *."

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BUREAU OF YARDS AND DOCKS.

* * * * *

For "public works.—Navy-yards and Stations:

Boston. "Navy-yard, Boston, Massachusetts: Water-pipes and laying of same, thirty-two thousand dollars.

Brooklyn. "Navy-yard, Brooklyn, New York: Repairs to building on cob-dock now used as recreation hall by enlisted men, five thousand dollars; boiler-shop and wing to machine-shop, sixty-eight thousand three hundred and forty dollars and forty-seven cents; one building for quarters for civil engineer, ten thousand dollars; reconstructing building number seven, partially destroyed by fire in January, eighteen hundred and eighty-eight, sixty thousand dollars; in all, one hundred and forty-three thousand three hundred and forty dollars and forty-seven cents.

League Island. "Navy-yard, League Island, Pennsylvania: For repairs and improvement of grounds and construction of protection wall, seventy-five thousand dollars; for one timber dry-dock, the contract price for the full completion of which shall not exceed the amount herein appropriated, five hundred and fifty thousand dollars; in all, six hundred and twenty-five thousand dollars.

Washington. "Navy-yard Washington, District of Columbia: For the better protection of the public property at the navy-yard, Washington, District of Columbia, from danger from fire by means of electric fire alarms, time signals and watchman detectors, one thousand dollars.

Norfolk. "Navy-yard, Norfolk, Virginia: Iron and steel shop, seventy-five thousand dollars; railroad extension, ten thousand dollars; boiler-shop extension, fourteen thousand four hundred and eighty-eight dollars; water system, fifteen thousand dollars; in all, one hundred and fourteen thousand four hundred and eighty-eight dollars.

Mare Island. "Navy-yard, Mare Island, California: Finishing boiler and machine-shop, four thousand two hundred dollars; extending wharf from coal-house to foundry, thirty thousand dollars; crane scow, seven thousand dollars; pile-driver, five thousand dollars; twelve-ton swinging crane, four thousand dollars; mud scow, four thousand five hundred dollars; in all, fifty-four thousand seven hundred dollars.

Port Royal. "Naval station, Port Royal, South Carolina: Fencing, two hundred and twenty-eight dollars; artesian well, one thousand dollars; boat-house, four hundred dollars; in all, one thousand six hundred and twenty-eight dollars.

Commission to locate navy yards and dry docks. "For the expenses of a commission of three officers, to be appointed by the Secretary of the Navy, to report as to the most desirable location on or near the coast of the Gulf of Mexico and the south Atlantic coast for navy-yards and dry docks and for the expenses of sounding and surveying and estimating expenses, fifteen thousand dollars. And the Secretary of the Navy be, and he is

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hereby, required to appoint a commission composed of three competent naval officers, whose duty it shall be to examine the coast north of the forty-second parallel of north latitude, in the State of Oregon and Territories of Washington and Alaska, and select a suitable site, having due regard to the commercial and naval necessities of that coast, for a navy-yard and docks; and having selected such site, shall, if upon private lands, estimate its value and ascertain the price for which it can be purchased, and of their proceedings and action make full and detailed report to the Secretary of the Navy; and the Secretary of the Navy shall transmit such report, with his recommendations, to Congress. That to defray the expenses of such commission the sum of five thousand dollars of the above amount, or as much thereof as may be necessary, may be used."

Adjustable stern-dock.

"Adjustable stern-dock: For one adjustable stern-dock, to be constructed at such place as the Secretary of the Navy may determine, thirty thousand dollars."

* * * * *

New Naval Observatory.

For "new Naval Observatory: For continuing the erection of the new Naval Observatory and necessary buildings upon the site purchased under the act of Congress approved February fourth, eighteen hundred and eighty (twenty-one Statutes, page sixty-four), fifty thousand dollars: Provided, That the work upon the domes, piers, transit shutters and floors of the observing rooms, and the necessary elevators in the building, and the fittings of the library and of the temperature room may be done by the Secretary of the Navy without contract, or in such manner as he shall deem most advantageous to the Government, but the total cost of said observatory, including the aforesaid items, shall not exceed the limit of four hundred thousand dollars fixed by the act making appropriations for the naval service, approved March third, eighteen hundred and eighty-seven."

* * * * *

NAVAL ASYLUM, PHILADELPHIA, * * *:

Transportation.

Brick building, bath rooms, etc.

For "transportation of indigent and destitute beneficiaries to the Naval Asylum, five hundred dollars; erecting brick building for kitchen, laundry, and dormitories, for female employees, seventeen thousand five hundred dollars; removing range and laundry machinery to same, four hundred dollars; fitting up bath-rooms for beneficiaries, eight hundred dollars: * * *."

BUREAU OF MEDICINE AND SURGERY.

* * * * *

Naval hospital improvement, Norfolk, Va.

For continuing the improvement of the naval-hospital park at Portsmouth, Virginia, five thousand dollars:

For repairing granite sea-wall at naval hospital Norfolk, Virginia, twenty thousand dollars; * * *.

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BUREAU OF PROVISIONS AND CLOTHING.

Provisions, Navy:

General storehouses—expenses. For "labor and expenses of general store-houses, * * *."

BUREAU OF CONSTRUCTION AND REPAIR.

* * * * *

Plant—Mare Island. For "improvement of the plant at the navy-yard, Mare Island, California: Extra tools required to put the yard in condition for building and repairing iron and steel ships, * * *."

NAVAL ACADEMY.

* * * * *

Boathouse. Contingent Naval Academy: "* * * To complete boat-house for steam-launches, twenty-five thousand dollars, in addition to the five thousand dollars heretofore appropriated, which is hereby re-appropriated * * *."

MARINE CORPS.

* * * * *

"MILITARY STORES, MARINE CORPS: * * *

Tents, etc. "* * * purchase of tents and camp-equipage, one thousand dollars; * * *."

Barracks, Norfolk. For "the erection of barracks at Norfolk, Virginia, thirty thousand dollars."

* * * * *

INCREASE OF THE NAVY.

CONSTRUCTION: That for the purpose of further increasing the naval establishment of the United States, the President is hereby authorized to have constructed,

Two steel cruisers. by contract, two steel cruisers of about three thousand tons displacement each, at a cost, exclusive of armament, and excluding any premiums that may be paid for increased speed, of not more than eleven hundred thousand

One steel cruiser. dollars each; one steel cruiser of about five thousand three hundred tons displacement, to cost, exclusive of armament, and excluding any premium that may be paid for increased speed, not more than eighteen hundred

One armored cruiser. thousand dollars; one armored cruiser of about seven thousand five hundred tons displacement, to cost, exclusive of armament, not more than three million five hun-

Three gun-boats. dred thousand dollars; and three gun-boats, or cruisers, neither of which shall exceed two thousand tons in displacement nor seven hundred thousand dollars in cost, excluding any premium that may be paid for increased speed and the cost of armament; said three gun-boats, or cruisers, to be built either wholly of steel or with steel

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frames. The contracts for the construction of said first three cruisers shall contain provisions to the effect that the contractor guarantees that when completed and tested for speed, under conditions to be prescribed by the Navy Department, the two vessels first hereinbefore provided for, shall each exhibit a maximum speed of at least nineteen knots per hour; and the vessel of five thousand three hundred tons displacement, a maximum speed of at least twenty knots per hour; and in the case of each vessel, for every quarter knot of speed so exhibited above said guarantee the contractor shall receive a premium over and above the contract price of fifty thousand dollars; and for every quarter knot that such vessel fails of reaching said guaranteed speed, there shall be deducted from the contract price the sum of fifty thousand dollars. And in the contract for the construction of the three last-mentioned vessels such provisions for increased speed and the premium for the same shall be made as in the discretion of the Secretary of the Navy may be deemed advisable. In the construction of all of said vessels all the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the naval establishment" as to material for said vessels, their engines, boilers, and machinery, the contracts under which they are built, the notice of, and proposals for the same, the plans, drawings, specifications therefor, and the method of executing said contracts, shall be observed and followed, and said vessels shall be built in compliance with the terms of said act, save that in all their parts said vessels shall be of domestic manufacture. If the Secretary of the Navy shall be unable to contract at reasonable prices for the building of any of said vessels, then he may build such vessel or vessels in such navy-yards as he may designate.

Speed.

Material.

CONSTRUCTION AND STEAM MACHINERY: Towards the construction and completion of the new vessels heretofore and herein authorized by Congress with their engines, boilers, and machinery, and for the payment of premiums for increased speed or horse-power under contracts now existing and to be made under this act, three million five hundred thousand dollars.

Construction and machinery.

ARMAMENT: Towards the armor and armament of domestic manufacture of new ships heretofore and herein authorized, two million dollars; in all, five million five hundred thousand dollars.

Armor and armament.

STEEL PRACTICE VESSEL: For the construction of one steel practice vessel of eight hundred tons, for the use of the United States Naval Academy at Annapolis, except when in emergencies it may be used for other purposes, to be built by contract in accordance with the terms of the "Act to increase the naval establishment," approved August third, eighteen hundred and eighty-six, two hundred and sixty thousand dollars.

Practice vessel, Naval Academy.

Approved, September 7, 1888.

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FIFTIETH CONGRESS, SECOND SESSION—MARCH 2, 1889.

[PUBLIC—No. 114.]

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety, and for other purposes.

[Provision is made for the Naval Establishment, and under the headings—]

* * * * *

BUREAU OF NAVIGATION.

* * * * *

"For installing the receiving-ship Vermont with an electric-lighting plant * * *." Vermont.

BUREAU OF ORDNANCE.

* * * * *

"For new wharf and approaches at Craney Island, Norfolk Harbor * * *." Craney Island.

For "Naval Torpedo Station and War College: * * *. Naval torpedo station and War College.

"For the construction of a building for use by the Naval Torpedo Station and War College as consolidated by order of the Secretary of the Navy January eleventh, eighteen hundred and eighty-nine, one hundred thousand dollars, to be immediately available, said sum to be in full for all expenses of designing, erecting, and furnishing said building.

"For enlarging torpedo boat-house, five thousand dollars."

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BUREAU OF YARDS AND DOCKS.

* * * * *

PUBLIC WORKS.—Navy-yards and stations:

Navy-yard, Boston, Massachusetts: Rebuilding by contract officers' quarters L, M, N, and O, at a cost when completed not to exceed the sum hereby appropriated, twenty-eight thousand six hundred and ten dollars. Boston.

Navy-yard, Brooklyn, New York: For improving Whitney basin, forty thousand dollars; railroad throughout the yard, fifteen thousand dollars. Brooklyn.

Navy-yard, League Island, Pennsylvania: For landing wharf foot of Ffteenth street, dimensions seventy-five by four hundred feet, twenty-six thousand four hundred and sixteen dollars and forty cents; dredging and filling in, seventy-five thousand dollars, and in the expenditure of League Island.

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this sum the Secretary of the Navy may co-operate with the Secretary of War and utilize any earth that may be removed from adjacent waters under appropriations made by Congress.

Washington, railroad at. Navy-yard, Washington, District of Columbia: To enable the Secretary of the Navy to cause a track, with all necessary switches and turn-outs, to be laid from a point on the line of the Baltimore and Potomac Railroad opposite the northwesterly corner of the Government reservation fronting on K and L streets southeast, and to run thence in a southerly direction across said reservation and along the existing highway, to a suitable place of entrance on the westerly side of the navy-yard, Washington, District of Columbia, and to be continued from such place of entrance to such points within said yard as the Secretary of the Navy may direct, such track to be used exclusively for the transportation of material belonging to, or intended for the use of, the United States, fifteen thousand dollars.

Norfolk. Navy-yard, Norfolk, Virginia: For building, by contract, two officers' quarters, to cost, when complete, not exceeding the sum hereby appropriated, sixteen thousand dollars.

Mare Island. Navy-yard, Mare Island, California: For iron-plating shop, five thousand seven hundred and fifty-five dollars and forty cents; roads along water front and about shops, five thousand dollars; extension of quay wall, fifty-five thousand dollars; continuing work on granite dry-dock, to be made available immediately, eighty thousand dollars.

Port Royal. Naval station, Port Royal, South Carolina: For officers' quarters, two thousand dollars.

Key West. Naval station, Key West, Florida: For two houses, for officers' quarters, eight thousand dollars.

Electric lighting. Electric lighting of navy-yards: For the establishment of plant and the inauguration of electric lighting in the navy-yards at New York, Norfolk, Virginia, Washington, District of Columbia, and Mare Island, California, to be immediately available, sixty thousand dollars.

* * * * *

Coal station. For the purpose of permanently establishing a station for coal and other supplies for the naval and commercial marine of the United States, on the shores of the Bay of

Pago Pago. the Harbor of Pago Pago in the island of Tutuilla, Samoa, for the erection of the necessary buildings and structures thereon and for such other purposes as may, in the judgment of the President, be necessary to confirm the rights of the United States under Article second of the Treaty of eighteen hundred and seventy-eight, between the United States and the King of the Samoan Islands, and the deed of transfer made in accordance therewith, one hundred thousand dollars, to be immediately available.

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New Naval Observatory: For completing new Naval Observatory and necessary buildings upon the site purchased under the act of Congress approved February fourth, eighteen hundred and eighty, two hundred and forty thousand dollars. Naval Observatory.

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BUREAU OF MEDICINE AND SURGERY.

* * * * *

For "sick quarters, navy-yard, Portsmouth, New Hampshire: For the construction by contract of sick quarters at the navy-yard, Portsmouth, New Hampshire, in full for all expenses of erecting and furnishing the same, to be immediately available, thirty-five thousand dollars." Sick quarters, Portsmouth, N. H.

BUREAU OF PROVISIONS AND CLOTHING.

Provisions, Navy, Bureau of Provisions and Clothing:

* * *

"For labor and expenses of * * * paymasters' offices in yards, * * *." Expenses, pay offices.

Provided:

"It shall be the duty of the Bureau of Provisions and Clothing to cause property accounts to be kept of all the supplies pertaining to the naval establishment, and to report annually to Congress the money values of the supplies on hand at the various stations at the beginning of the fiscal year, the dispositions thereof, and of the purchases, and the expenditures of supplies for the year, and the balances remaining on hand at the end thereof. Property accounting.

"And for the purpose of utilizing accumulated naval supplies, the transfer is authorized, after requisition upon the Paymaster-General of the Navy, of any supplies belonging to one bureau and available for the use of another without reimbursement therefor by the bureau receiving the supplies so transferred: *Provided*, That supplies obtained for a specific object and still needed therefor, and supplies bought within the fiscal year in which the requisition is made, and provisions, clothing, and small stores shall not be subject to transfer without charge under the terms of this act." [illegible] general [illegible].

BUREAU OF CONSTRUCTION AND REPAIR.

* * * * *

"For the purchase, or construction by contract, of four steam-tugs, the cost of which shall not exceed thirty-five thousand dollars each, one for use at the navy-yard, Washington, District of Columbia, and one at the navy-yard, Mare Island, California; * * *. Four steam tugs.

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New York Navy Yard. "Improvement of plant at navy-yard, New York: For additional tools, other than those heretofore authorized, required to further improve the condition of the yard for building and repairing iron and steel ships, fifty thousand dollars.

Norfolk Navy Yard. "Improvement of plant at navy-yard, Norfolk, Virginia: For additional tools, other than those heretofore authorized, required to further improve the condition of the yard for building and repairing iron and steel ships, fifty thousand dollars."

* * * * *

NAVAL ACADEMY.

* * * * *

Sites for public buildings, Naval Academy. For the purchase of the land and buildings thereon, and inclosing and grading the same, situated adjacent to the Naval Academy at Annapolis, and between the Academy grounds and the Naval Hospital grounds, a sum not exceeding ninety thousand dollars: *Provided, however*, That the Secretary of the Navy may, if he deems it for the best interests of the United States, proceed and acquire title to said land and buildings by condemnation thereof by judicial proceedings to be commenced in the appropriate circuit court of the United States, which court shall, for the purpose of ascertaining the true value of said land, appoint three commissioners, who shall be competent and disinterested appraisers, and all the proceedings for the condemnation aforesaid shall be in accordance, except as herein provided, with the act of Congress of August first, eighteen hundred and eighty-eight, entitled "An act to authorize condemnation of land for sites of public buildings, and for other purposes."

* * * * *

[illegible] furniture. For new furniture for cadets' quarters (wardrobes, bedsteads, and tables, * * *.

MARINE CORPS.

Marine barracks, Boston, Norfolk, Brooklyn. For alteration and repair of marine barracks at Boston, Massachusetts, five thousand dollars;

To complete the erection of marine barracks at Norfolk, Virginia, fifteen thousand dollars.

For repairing buildings recently damaged by storm, marine barracks, navy-yard, Brooklyn, New York, twenty thousand dollars, to be immediately available;

* * * * *

INCREASE OF THE NAVY.

Steel monitor. To enable the President to further increase the Naval Establishment of the United States he is hereby authorized to have constructed by contract one armored steel

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cruising monitor, of not less than three thousand tons displacement, at a cost of not exceeding one million five hundred thousand dollars—exclusive of armament, and of any premium which may be paid for increased speed—of the type, and according to the plans approved and recommended by a naval board in their report to the Secretary of the Navy, and by him referred to and approved in his letter to the chairman of the Committee on Naval Affairs of the House of Representatives, dated January ninth, eighteen hundred and eighty-nine, to be approved by the Secretary of the Navy.

The contract for the construction of said cruising monitor, her boilers, engines, and machinery, shall contain provisions to the effect that, under conditions to be prescribed by the Navy Department, the contractor shall guarantee that the collective horse-power developed by the engines of said vessel shall equal seven thousand five hundred indicated horse-power, and that said vessel when completed and tested for speed, under conditions to be prescribed by the Navy Department, shall exhibit a maximum speed of not less than seventeen knots per hour; and the contract for said vessel shall contain a further provision that for every quarter of knot of speed so exhibited above said guaranty of seventeen knots the contractor shall receive a premium, over and above the contract price, of fifty thousand dollars, and for every quarter-knot that said vessel fails of reaching said guaranteed speed there shall be deducted from the contract price the sum of fifty thousand dollars. The material, boilers, engines, and machinery shall be of domestic manufacture and of the latest and most approved quality and type.

Maximum speed.

Material.

The act of August third, eighteen hundred and eighty-six, entitled "An act to increase the Naval Establishment," so far as applicable, shall govern the construction of said vessel.

And the President is also hereby further authorized to contract with the Pneumatic Dynamite Gun Company for the construction of one additional cruiser of the Vesuvius type, of not less dimensions than that vessel, and to attain a speed under similar conditions as to trial, of twenty-one knots an hour, with an endurance of not less than fifteen days at ten knots an hour, to be armed with two pneumatic dynamite guns of fifteen inch caliber, and to be fitted for such other armament as the Secretary of the Navy may prescribe: *Provided*, That the contractors shall guarantee a speed of twenty knots an hour, and that there shall be deducted from the contract price the sum of ten thousand dollars for every quarter knot that said vessel fails of reaching the further speed of twenty-one knots per hour: *And provided further*, That the Secretary of the Navy shall be satisfied, after official tests made with the Vesuvius and her guns, as to the

Dynamite gun cruiser.

Speed.

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efficiency of the armament of that vessel; and the cost of said vessel shall not exceed the sum of four hundred and fifty thousand dollars.

Two gun-boats. The President is hereby further authorized to have constructed by contract two steel cruisers or gun-boats of the most approved type, of eight hundred to twelve hundred tons displacement, to cost in the aggregate, exclusive of armament, not more than seven hundred thou-

One ram. sand dollars, and one ram for harbor defense of the general type approved by the Naval Advisory Board in their report to the Secretary of the Navy of November seventh, eighteen hundred and eighty-one, of the highest practicable speed.

The act of August third, eighteen hundred and eighty-six, entitled "An act to increase the Naval Establishment," so far as applicable, shall govern the construction of the two steel cruisers or gun-boats, and the ram herein authorized; and all of said vessels shall be of domestic manufacture.

Rifled guns. To enable the Secretary of the Navy to test, and if found satisfactory, to purchase three or more rapid-fire rapid-twist, one-pounder breech-loading rifled guns, and an equal number of the same type of three-pounder guns, and an equal number of the same type of thirty-two-pounder guns, as the Secretary of the Navy may designate, said test to be made with the cartridge known as a reinforce cartridge, and for said purpose the sum of fifty thousand dollars is hereby appropriated: *Provided*, That no part of this money shall be expended until the owners of the patents for such guns and cartridges shall contract at such a price as shall be satisfactory to the Secretary of the Navy for the exclusive right on the part of the Government to manufacture, by contract or otherwise, such guns and cartridges without the payment of any royalty upon the same, the option of the Government to make such contract to be exercised within a period to be fixed by said contract.

Construction and machinery. CONSTRUCTION AND STEAM MACHINERY: Towards the construction and completion of the new vessels heretofore and herein authorized by Congress, with their engines, boilers, and machinery, and for the payment of premiums for increased speed or horse-power under contracts now existing and to be made under this and other acts providing for increase of the Navy, four million and fifty-five thousand dollars, of which sum fifty-five thousand dollars is hereby authorized to be expended by the Secretary of the Navy upon the electric lighting of the Miantonomah, Terror, Monadnock, Petrel, and Vesuvius, in addition to the amounts heretofore authorized to be expended on the said vessels.

Armor and armament. ARMAMENT: Towards the armament and armor of domestic manufacture for the vessels authorized by the act of March third, eighteen hundred and eighty-five; of

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the vessels authorized by sections one and two of the act of August third, eighteen hundred and eighty-six; of the unfinished monitors mentioned in section three of the same act; of the Miantonomah; of the vessels authorized by the act approved March third, eighteen hundred and eighty-seven, and of the vessels authorized by the act approved September seventh, eighteen hundred and eighty-eight, and this act, two million five hundred thousand dollars.

Gun plant, Washington.

GUN PLANT, NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: To complete the construction and equipment of the ordnance shops, offices, and gun plant at the Washington navy-yard, to be made immediately available, six hundred and twenty-five thousand dollars.

Approved, March 2, 1889.

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FIFTY-FIRST CONGRESS, FIRST SESSION—JUNE 30, 1890.

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety-one, and for other purposes.

[Provision is made for the Naval Establishment, and under the headings—]

* * * * *

BUREAU OF NAVIGATION.

Coaster's Harbor Island.

"FOR THE PURCHASE OF FARMER'S HOUSE, COASTER'S HARBOR ISLAND, RHODE ISLAND: For the purchase of the Farmer's House, on Coaster's Harbor Island, erected by W. A. Whaley, at his expense, under permission granted him by the Secretary of the Navy, September twenty-sixth, eighteen hundred and eighty-four, two thousand two hundred and fifty dollars.

Prizes for gunnery.

"GUNNERY EXERCISES: For prizes for excellence in gunnery exercises and target practice; for the establishment and maintenance of targets and ranges; for hiring established ranges, and for transportation to and from ranges, six thousand dollars.

Surveys.

"OCEAN AND LAKE SURVEYS: For ocean and lake surveys, the publication and care of the results thereof; the purchase of nautical books, charts, and sailing directions, * * *.

Naval apprentices.

"BOUNTY FOR NAVAL APPRENTICES: For bounties for outfits of seven hundred and fifty naval apprentices, thirty thousand dollars.

* * * * *

Contingent.

"CONTINGENT, BUREAU OF NAVIGATION: For heating apparatus for receiving and training ships, and extra expenses thereof; * * * ferriage, ice, apprehension of deserters and stragglers, continous-service certificates, good-conduct badges and medals for boys; school-books for training-ships; * * *.

Location of Naval War College and Torpedo School.

"NAVAL WAR COLLEGE AND TORPEDO SCHOOL ON COASTER'S HARBOR ISLAND: For maintenance of the Naval War College and Torpedo School on Coaster's Harbor Island, ten thousand dollars; and the Secretary of the Navy is hereby authorized to cause the building for use by the Naval War College and Torpedo School, for the construction of which the sum of one hundred thousand dollars was appropriated in the act of March second, eighteen hundred and eighty-nine, to be erected on Coaster's Harbor Island."

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BUREAU OF ORDNANCE.

* * * * *

Test plates. "For the purchase of armor plates for reception tests of modern projectiles, fifty thousand dollars.

Proving grounds. "NAVAL ORDNANCE RANGE AND PROVING-GROUND: For draining, erection of firing butts, screens, cranes, building of wharf, chronograph house, and other necessary improvements of naval ordnance range and proving-ground heretofore authorized by act of March third, eighteen hundred and eighty-seven, twenty-five thousand dollars: *Provided*, That the moneys heretofore and hereby appropriated for the purpose of erecting buildings and making other improvements on said proving-ground may be forthwith expended upon the acquisition by the United States of the title thereto.

Shell-lighter. "For one steel shell-lighter of about sixty-eight tons displacement, with carrying capacity of about forty-five tons, eight thousand dollars;

Submarine gun, test of. "To enable the Secretary of the Navy to manufacture and experimentally test, under rules and conditions to be prescribed by him, a submarine gun and projectiles for the same, thirty thousand dollars: *Provided*, That no part of this money shall be expended until the owners of the patents to be tested under this provision shall agree by contract to give the Government the option within a specified time to contract at such price as shall be satisfactory to the Secretary of the Navy for the exclusive right on the part of the Government to manufacture by contract or otherwise such submarine guns and projectiles without the payment of any royalty on the same: *Provided*, That such submarine gun and projectiles shall prove satisfactory on due test, and be approved by the Secretary of the Navy; and for testing torpedoes, twenty thousand dollars; * * *."

BUREAU OF EQUIPMENT.

Transferred from Bureau of Navigation. "EQUIPMENT OF VESSELS: For purchase of * * * hammock-cloths, boom-covers, tarpaulins, * * *; stationery for equipment officers, * * * foreign and local pilotage and towage of ships of war; services and materials in correcting compasses on board ship, and for adjusting and testing compasses on shore; nautical and astronomical instruments, and repairs of nautical instruments for ships of war; libraries for ships of war; professional books and papers, and drawings and engravings for signal books; naval signals and apparatus, namely: signal lights, lanterns, rockets, running-lights, compass-fittings, including binnacles, tripods, and other appendages of ships' compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; lanterns and lamps, and their appendages

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for general use on board ship including those for the cabin, wardroom, and steerage, for the holds and storerooms; for decks and quartermaster's use; bunting and other materials for flags, and making and repairing flags of all kinds; oil for ships of war, other than that used in the engineer department; candles, when used as a substitute for oil in binnacles and running-lights, chimneys and wicks, and soap used in the navigation department; photographic instruments and materials; stationery for commanders and navigators of vessels of war, and for use of courts-martial; musical instruments, and music for vessels of war; steering signals and indicators, and speaking-tubes and gongs for signal communications on board vessels of war; and for introducing and maintaining electric lights on board vessels of war, * * *.

Lancaster.

"For installing the United States steamship Lancaster with an electric lighting plant, ten thousand dollars."

Electric welding machine, Boston.

"For electric welding machine: For installing an electric welding machine in the Boston navy-yard, twelve thousand dollars: *Provided*, That the party supplying the said machine and apparatus shall guarantee that it will operate satisfactorily in the welding of steel links for chain cables of the various sizes up to two and one half inches in diameter, and no payment shall be made until tests shall have been made to the satisfaction of the Secretary of Navy, and no royalty shall be paid for the use of said machine."

* * * * *

BUREAU OF YARDS AND DOCKS.

* * * * *

PUBLIC WORKS—NAVY-YARDS AND STATIONS.

Portsmouth.

NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: For increasing water supply, six thousand three hundred and fifty dollars; completing hydrant system, six thousand and eighty dollars; for reconstructing buildings numbered forty-five and forty-six, destroyed by fire January twenty-seventh, eighteen hundred and ninety, at the United States navy-yard, Portsmouth, New Hampshire, for construction and repair, fifty thousand dollars, appropriation to be immediately available.

Boston.

NAVY-YARD, BOSTON, MASSACHUSETTS: For new boiler and pumping machinery, taking down and resetting the end of granite dry dock and putting in the necessary backing and drainage, fifty thousand dollars.

Brooklyn.

NAVY-YARD, BROOKLYN, NEW YORK: For extending railroad system and necessary rolling-stock, five thousand dollars; for completing approaches to timber dry-dock, twenty-five thousand dollars; for repairing cob-dock, improvement of Whitney Basin, rebuilding seawall and dredging, one hundred and twenty-five thousand dollars;

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for relaying water-pipes in the yard, fifteen thousand dollars.

League Island. NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: For rebuilding Broad street wharf, sixty thousand dollars; and the sum of twenty-six thousand four hundred and sixteen dollars and forty cents appropriated by act of March second, eighteen hundred and eighty-nine, for landing wharf foot of Fifteenth street, is hereby transferred to the rebuilding of the Broad street wharf in addition to the sum appropriated by this act for building and furnishing two officers' quarters, ten thousand dollars; for dredging and filling in and paving and improvement of grounds, twenty-five thousand dollars; for extending permanent sea-wall, twenty-five thousand dollars; for the construction of a light retaining-wall, twenty-five thousand dollars.

Washington. NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: For changing building number seven into an apartment house of three stories for additional quarters, ten thousand dollars; for dredging and filling in, five thousand dollars.

Norfolk. NAVY-YARD, NORFOLK, VIRGINIA: For completing railroad system, five thousand dollars; for completing water system, five thousand dollars; for completing approaches to timber dry-dock, ten thousand dollars; for extending machine-shop (for steam-engineering), five thousand dollars; for connecting new pumps with old dry-dock, fifteen thousand dollars.

Port Royal. COALING STATION, PORT ROYAL, SOUTH CAROLINA: Toward the construction of a timber dry-dock or floating dock, at the coaling station, Port Royal, South Carolina, in accordance with the recommendation of the commissions to report as to the most desirable location on or near the coast of the Gulf of Mexico and the South Atlantic coasts for navy-yards and dry-docks, two hundred thousand dollars.

And the Secretary of the Navy be, and he is hereby, authorized to make a contract for the construction of said timber dry-dock, or floating dock, the cost not exceeding five hundred thousand dollars.

Key West. NAVAL STATION, KEY WEST, FLORIDA: For changing location of railroad scale-house and pump-house, made necessary by new treasury buildings, one thousand dollars.

Mare Island. NAVY-YARD, MARE ISLAND, CALIFORNIA: For bridge across sectional dock basin, two thousand dollars; for boat landings, three thousand dollars; for building wagon-road towards cemetery and magazine, five thousand dollars; for replanking wharves, five thousand dollars; for completing electric-light plant, thirty thousand dollars; for moving ferry slip back, straightening sea-wall, and dredging, twenty thousand dollars; for completing repairs to sectional dry-dock, fifteen thousand dollars.

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NAVAL STATION, NEW LONDON: For rebuilding the wharf, six thousand five hundred dollars. New London.

LAUNCHING WAYS AND GRANITE SLIPS AT NEW YORK AND NORFOLK NAVY-YARDS: For extending launching ways and making alterations in granite slips, thirteen thousand dollars.

* * * * *

The Secretary of the Navy is hereby authorized to sell, after advertisement of the sale for such time as in his judgment the public interests may require, condemned naval supplies, stores, and materials, either by public auction or by advertisement for sealed proposals for the purchase of the same. Condemned stores, sale of.

* * * * *

And the President be, and he hereby is, required to appoint a commission composed of two competent naval officers, one competent Army officer, and two competent persons from civil life, whose duty it shall be to select a suitable site, having due regard to commercial and naval interests, for a dry-dock at some point on the shores of the Pacific Ocean or the waters connected therewith north of the parallel of latitude marking the northern boundary of California, including the waters of Puget Sound, and also Lakes Union and Washington, in the State of Washington; and having selected such site shall, if upon private lands, estimate its value, and ascertain, as nearly as practicable, the cost for which it can be purchased or acquired, and of their proceedings and action make full and detailed report to the President, and the President shall transmit such report with his recommendations to Congress. Commission to select site for dry dock, Pacific.

And the President be, and he hereby is, required to appoint a commission composed of two competent naval officers, one competent Army officer, and two competent persons from civil life, whose duty it shall be to select a suitable site, having due regard to commercial and naval interests, for a dry-dock at some point on the shores of the Gulf of Mexico or the waters connected therewith; and having selected such site shall, if upon private lands, estimate its value and ascertain as nearly as practicable the cost for which it can be purchased or acquired, and of their proceedings and action make full and detailed report to the President, and the President shall transmit such report with his recommendations to Congress. That to defray the expenses of such commissions the sum of fifteen thousand dollars, or so much thereof as may be necessary, be, and the same is hereby, appropriated. Commission to select site for dry dock, Gulf of Mexico.

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BUREAU OF MEDICINE AND SURGERY.

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Laundry, New York.

For "laundry at naval hospital, New York: For construction of a laundry and drying-room at the naval hospital, New York, in full for all expenses of erecting the building and supplying necessary machinery and fittings, five thousand six hundred dollars.

Sick quarters, Portsmouth, N. H.

"SICK QUARTERS AT NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: For additional appropriation for erecting and furnishing sick quarters at the navy-yard, Portsmouth, New Hampshire, eight thousand dollars * * *."

BUREAU OF PROVISIONS AND CLOTHING.

PROVISIONS, NAVY, BUREAU OF PROVISIONS AND CLOTHING: * * *

Clothing and small stores fund.

Provided: The clothing fund and small stores fund shall be hereafter consolidated and administered as a fund to be known as the clothing and small stores fund.

Advertisement.

"CONTINGENT, BUREAU OF PROVISIONS AND CLOTHING: * * *. Section thirty-seven hundred and eighteen of the Revised Statutes of the United States is hereby amended by striking out the words 'once a week for four weeks' and inserting in lieu thereof the words 'twice a week for two weeks or longer, not to exceed four weeks, in the discretion of the Secretary of the Navy.'"

* * * * *

BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: * * *.

Improvements to construction plants at navy yards, Portsmouth.

For improvement of plant at navy-yard, Portsmouth, New Hampshire: For additional tools other than those heretofore authorized, required to further improve the condition of the yard for repairing iron and steel ships, fifty thousand dollars.

Boston.

For improvement of plant at navy-yard, Boston, Massachusetts: For additional tools, other than those heretofore authorized, required to further improve the condition of the yard for repairing iron and steel ships, fifty thousand dollars.

League Island.

For the improvement of plant at navy-yard, League Island, Pennsylvania: For additional tools other than those heretofore authorized, required to further improve the condition of the yard for repairing iron and steel ships, fifty thousand dollars.

New York.

For improvement of plant at navy-yard, New York: For additional tools, other than those heretofore authorized, required to further improve the condition of the yard for building and repairing iron and steel ships, fifty thousand dollars.

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For improvement of plant at navy-yard, Norfolk, Virginia: For additional tools, other than those heretofore authorized, required to further improve the condition of the yard for building and repairing iron and steel ships, and the erection of the same, fifty thousand dollars. Norfolk.

For improvement of plant at navy-yard, Mare Island, California: For additional tools, other than those heretofore authorized, required to further improve the condition of the yard for building and repairing iron and steel ships, and the erection of the same, fifty thousand dollars. Mare Island.

* * * * *

BUREAU OF STEAM ENGINEERING.

* * * * *

Improvement of machinery plant, navy-yard, Boston, Massachusetts: For extra tools required to put the yard in condition for repairing modern marine machinery with economy and dispatch, including improvements in boiler-making plant, and improved machine tools, forty thousand dollars. Improvements to machinery plants at navy yards, Boston.

Improvement of machinery plant, navy-yard, Brooklyn, New York: For extra tools required to put the yard in condition for building and repairing modern marine machinery with economy and dispatch, including traveling crane in foundry and new boiler shop, seventy-five thousand dollars. Brooklyn.

Improvement of machinery plant, navy-yard, Mare Island, California: For extra tools required to put the yard in condition for building and repairing modern marine machinery with economy and dispatch, including improvements in boiler-making plant, and improved machine tools, fifty thousand dollars. Mare Island.

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NAVAL ACADEMY.

* * * * *

New furniture for cadets' quarters, six thousand five hundred dollars. Improvements.

For rebuilding gymnasium, twenty thousand dollars; for additional houses for instructors, four houses, twenty thousand dollars, which sums shall be made immediately available.

For the purchase of land to open King George's street to the Government property and expense of opening said street, three thousand five hundred dollars.

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MARINE CORPS.

* * * * *

"FOR REPAIR OF BARRACKS: * * *.

"For alteration and repair of colonel commandant's quarters, based upon survey dated September twelfth, Commandant's quarters.

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eighteen hundred and eighty-nine, seven thousand five hundred and fifty dollars.

* * * * *

Barracks, Sitka, Alaska.

"For erection of marine barracks at Sitka, Alaska, six thousand dollars."

* * * * *

APPROPRIATIONS FOR SUPPLIES.

Classification of stores; not for any bureau.

For expenses of arranging, classifying, consolidating, and cataloguing supplies for the Navy, herein provided for and now on hand, ten thousand dollars; and all supplies purchased with moneys appropriated by this act shall be deemed to be purchased for the Navy and not for any bureau thereof, and these supplies, together with all supplies now on hand, shall be arranged, classified, consolidated, and catalogued, and issued for consumption or use, under such regulations as the Secretary may prescribe, without regard to the bureau for which they were purchased.

INCREASE OF THE NAVY.

Three battle-ships.

That for the purpose of further increasing the Naval Establishment of the United States the President is hereby authorized to have constructed by contract three sea-going coast-line battle ships designed to carry the heaviest armor and most powerful ordnance upon a displacement of about eight thousand five hundred tons, with a coal endurance of about five thousand knots on the total coal capacity at the most economical rate of speed, and to have the highest practicable speed for vessels of their class, to cost, exclusive of armament and of any premiums that may be paid for increased speed not exceeding four million dollars each; one protected cruiser of about seven thousand three hundred tons displacement, at a cost, exclusive of armament, not to exceed two million seven hundred and fifty thousand dollars, to have a maximum speed of not less than twenty-one knots; one swift torpedo cruiser of about seven hundred and fifty tons displacement, at a cost, exclusive of armament, not to exceed three hundred and fifty thousand dollars, to have a maximum speed of not less than twenty-three knots; and one torpedo boat, at a cost not to exceed one hundred and twenty-five thousand dollars; and in the construction of all said vessels all of the provisions of the act of August third, eighteen hundred and eighty-six, entitled, "An act to increase the Naval Establishment," as to materials for said vessels, their engines, boilers, and machinery, the contracts under which they are built, the notice of any proposals for the same, the plans, drawings, specifications therefor, and the method of executing said contracts, shall be observed and fol-

One protected cruiser.

One torpedo cruiser.

One torpedo boat.

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lowed, and said vessels shall be built in compliance with the terms of said act, save that in all their parts said vessels shall be of domestic manufacture. And in the contracts for the construction of each of said vessels such provisions for minimum speed and for premiums for increased speed and penalties for deficient speed may be made subject to the terms of this bill, as in the discretion of the Secretary of the Navy may be deemed advisable. In making proposals for contracts for building the vessels authorized by this act it shall be required that one of such vessels shall be built on or near the coast of the Pacific Ocean or the waters connecting therewith, one of them on or near the coast of the Gulf of Mexico or the waters connecting therewith and two of them on or near the coast of the Atlantic Ocean or the waters connecting therewith, and at such places on or near such coasts or waters as the Secretary of the Navy shall approve: *Provided*, That if it shall appear to the satisfaction of the President of the United States, from the biddings for said contracts, when the same are opened and examined by him, that said vessels can not be constructed at a fair cost on or near the coast of the Pacific Ocean or the Gulf of Mexico, he shall authorize the construction of said vessels, or either of them, elsewhere in the United States; and if the Secretary of the Navy shall be unable to contract at reasonable prices for the construction of any of said vessels, then he may build such vessel or vessels in such navy-yards as he may designate.

Domestic manufacture.

Speed.

Proposals.

Where to be built.

UNDER THE BUREAU OF ORDNANCE.

ARMAMENT: Towards the armament and armor of domestic manufacture, for the vessels authorized by the act of March third, eighteen hundred and eighty-five; of the vessels authorized by sections one and two of the act of August third, eighteen hundred and eighty six; of the unfinished monitors mentioned in section three of the same act; of the Miantonomoh; of the vessels authorized by the act approved March third, eighteen hundred and eighty seven; of the vessels authorized by the act approved September seventh, eighteen hundred and eighty-eight, and of those authorized by the act of March second, eighteen hundred and eighty-nine, and the armament with modern batteries of a gunnery training ship, two million five hundred thousand dollars.

Armor and armament.

GUN PLANT, NAVY YARD, WASHINGTON, DISTRICT OF COLUMBIA: For completion of the gun factory, one hundred and forty five thousand dollars.

Gun Factory.

CONSTRUCTION AND STEAM MACHINERY: Towards the construction and completion of the new vessels heretofore and herein authorized by Congress, with their engines, boilers and machinery, and for the payment of

Construction and machinery.

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premiums for increased speed or horse-power under contracts now existing and to be made under this and other acts for increase of the Navy, five million four hundred and seventy-five thousand dollars.

Total for increase of the Navy, eight million one hundred and twenty thousand dollars.

Approved, June 30, 1890.

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FIFTY-FIRST CONGRESS, SECOND SESSION—MARCH 2, 1891.

[PUBLIC—No. 110.]

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety-two, and for other purposes.

[Provision is made for the Naval Establishment, and under the headings—]

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BUREAU OF NAVIGATION.

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Telegraph cable.

Provision for telegraphic cable surveys: "To enable the President to cause careful soundings to be made between San Francisco, California, and Honolulu, in the Kingdom of the Hawaiian Islands, for the purpose of determining the practicability of the laying of a telegraphic cable between those points, twenty-five thousand dollars, or so much thereof as may be necessary, and the President is hereby authorized to direct the use of any vessel or vessels belonging to United States in making such survey."

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BUREAU OF ORDNANCE.

* * * * *

New magazine, Alaska.

New magazine: For new magazine for naval purposes at Sitka or Juneau, Alaska, ten thousand dollars.

Craney Island.

Craney Island Magazine: For dredging on the channel to Craney Island Magazine, Norfolk Harbor, and for repairs to the wharves and buildings, fifteen thousand dollars.

Floating crane.

Purchase of floating or tug crane: For the purchase of a floating or tug crane for use in the transportation of material at the New York navy yard, thirty thousand dollars.

Projectiles.

Reserve supply of projectiles: For reserve supply of projectiles for vessels in commission, thirty thousand dollars.

* * * * *

Armor tests.

Armor tests: For the purpose of making ballistic tests and experiments in the development of American armor the Secretary of the Navy is hereby authorized to use one hundred thousand dollars or so much thereof as may be necessary out of the appropriation of one million

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dollars appropriated by joint resolution of September twenty-ninth, eighteen hundred and ninety, for the purchase of nickel ore or nickel matte.

Naval Militia. Naval militia: For arms and equipment connected therewith for naval militia of various States under such regulations as the Secretary of the Navy may prescribe, twenty-five thousand dollars.

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BUREAU OF YARDS AND DOCKS.

* * * * *

PUBLIC WORKS—NAVY YARDS AND STATIONS.

Portsmouth. Navy yard, Portsmouth, New Hampshire: For constructing reservoir and perfecting water system, twenty-two thousand two hundred and eighty-seven dollars.

Boston. Navy Yard, Boston, Massachusetts: for constructing steel shears, twelve thousand dollars; extensions and renewals in water-pipe system, and repairs of wharves, five thousand dollars.

Brooklyn. Navy Yard, Brooklyn, New York: For quay wall on cob dock, one hundred thousand dollars; paving and sewers around new dry-dock, twenty-one thousand eight hundred and thirty-five dollars; for one crane, five thousand dollars.

League Island. Navy Yard, League Island, Pennsylvania: For west dry dock pier, eighty-seven thousand four hundred and forty-one dollars and sixty-two cents; for rip rap for protection wall, nine thousand one hundred and fifty dollars; for continuation of light retaining wall, twenty-five thousand dollars; for sewers and flushing tank, five thousand six hundred and eighty-five dollars.

Washington. Navy-Yard, Washington, District of Columbia: For extension of railroad tracks, three thousand five hundred and sixty-seven dollars and fifty cents; for sanitary improvements for Smith quadrangle, five thousand dollars; converting paint shop into two officers' quarters, eight thousand two hundred and twenty dollars and fifty-nine cents, the total cost not to exceed the sum hereby appropriated; for dredging and filling in, five thousand dollars.

Norfolk. Navy-Yard, Norfolk, Virginia: For extending machine shop for steam engineering, four thousand one hundred and sixty-six dollars; for extension of quay wall, twenty-five thousand dollars.

Port Royal. Coaling Station, Port Royal, South Carolina: To continue the construction of a timber dry-dock at the coaling station at Port Royal, South Carolina, and for the work provided for by the naval appropriation act, approved June thirtieth, eighteen hundred and ninety, one hundred and fifty thousand dollars.

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Dry-dock site. Port Orchard.

Dry-Dock on Puget Sound: That the Secretary of the Navy be, and he hereby is, authorized to acquire for the purposes of a dry-dock a tract of land not exceeding two hundred acres in extent on Puget Sound, at Port Orchard in the county of Kitsap, State of Washington, at such point as he may select, and a sum not exceeding ten thousand dollars to pay for said land is hereby appropriated; and the Secretary of the Navy is authorized to have constructed by contract, after public advertisement upon said land so selected, for naval and commercial purposes, a dry-dock, to be not less than six hundred feet in length, not less than seventy feet in width at bottom of entrance, and capable of admitting vessels drawing thirty feet of water; the cost of said dry-dock not to exceed seven hundred thousand dollars, of which the sum of two hundred thousand dollars is hereby appropriated for use during the fiscal year ending June thirtieth, eighteen hundred and ninety-two.

Purchase of land.

And the Secretary of the Navy be, and he is hereby, empowered and directed to purchase said tract of land at such price as he may deem reasonable; and where he is unable to purchase the same at such price or where the owner or owners of any of said tract of land may be unable for any reason to vest by voluntary conveyance a complete and valid title to any part of said tract of land hereinbefore described, then the same shall be acquired by condemnation, agreeably to the act of Congress of August first, eighteen hundred and eighty-eight, relative to such condemnations, and to the laws of the State of Washington for the condemnation of land for public uses in that State: *Provided*, That no money to be appropriated for said dry dock shall be available until a valid title to the land constituting the site of the same is vested in the United States, nor until the State of Washington shall cede to the United States exclusive jurisdiction over said tract of land during the time the United States may be or remain the owner thereof for all purposes except the administration of the criminal laws of said State and the service of any civil process thereon.

Mare Island.

Navy-Yard, Mare Island, California: For widening gauge of railroad track, six thousand five hundred dollars; for roads, five thousand dollars; extension of quay wall, twenty-five thousand dollars; for removal and reconstruction of return wall, sectional dry-dock basin, eleven thousand two hundred and eighty-five dollars and twenty-four cents; one twelve-ton crane, four thousand dollars.

Launching ways and slips.

Launching Ways and Slips at New York and Norfolk Navy Yards: For launching ways and granite slips, thirteen thousand dollars, to be made immediately available.

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New Naval Observatory.

For bookcases, railing, shelving, standards, etc., eight thousand four hundred and sixty-four dollars; for transporting instruments, apparatus, piers, books, and other articles from the old to the new Naval Observatory, two thousand seven hundred and sixty dollars; for repairing and remounting great equatorial (twenty-six inch) and its accessories, great equatorial building, including observers' elevating platform, thirty-two thousand and six hundred dollars; for repairing and remounting meridian circle and its accessories, east transit building, six thousand one hundred and sixty dollars; for repairing and remounting transit instrument and its accessories, south transit rooms, six hundred dollars; for repairing and remounting primevertical transit instrument, two thousand five hundred and ten dollars; for furniture and gas or electric fixtures for new naval observatory, for main building, great equatorial building, clock buildings, four transit houses, boiler house, and magnetic building, thirteen thousand six hundred and twenty-five dollars; for inclosing grounds, three thousand and sixty-six dollars; for the construction of well tank, cistern, and for purchasing and placing pump, boiler, ejectors, and pipes for water supply, ten thousand nine hundred and twenty-five dollars; for installation of electric plant, eighteen thousand one hundred and seventy-nine dollars; for one standard clock, five hundred and fifty dollars; for clock room fittings, including clocks, reflectors, piers, instruments, and all accessories, complete, five thousand two hundred and fifty dollars; for official residence of the superintendent, twenty thousand dollars; for grading, macadamizing, and guttering roads around new naval observatory building, twelve thousand dollars.

Total for Naval Observatory, one hundred thirty-six thousand six hundred and eighty-nine dollars.

BUREAU OF MEDICINE AND SURGERY.

* * * * *

Residence for medical director.

For medical director's residence, naval hospital, Mare Island, California: "For construction of a residence for the medical director in charge of naval hospital, Mare Island, California, in full for all expenses of erecting and making necessary improvements about the grounds, fifteen thousand five hundred dollars."

BUREAU OF PROVISIONS AND CLOTHING.

PROVISIONS, NAVY, * * *. For "all supplies hereafter purchased with moneys appropriated for any branch of the naval establishment shall be purchased, classified, and issued for consumption or use subject to the provisions contained in the act making appropriations for the

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naval service, approved June thirtieth, eighteen hundred and ninety, in reference to supplies therein provided for and on hand."

* * * * *

BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: * * * "*Provided*, The Secretary of the Navy shall incorporate in his next annual report a statement showing the name and tonnage of each vessel that has been completed since March four, eighteen hundred and eighty-five, when authorized to be built, when begun, and when commissioned, its entire cost of construction, including armor, armament, equipment, and premiums, and its costs for repairs since completion; and, also, a statement showing the name and tonnage of each vessel not completed, when authorized to be built, when begun, the probable date of its completion, the amount expended upon its construction, including armor, armament, and equipment and the estimated amount required for its completion, including armor, armament, equipment, and premiums." Secretary of the Navy to report on vessels.

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NAVAL ACADEMY.

* * * * *

For furnishing and fitting gymnasium, five thousand dollars, which sum shall be immediately available. Gymnasium.

* * * * *

For repairs to Santee's wharf, four thousand dollars, which sum shall be immediately available. Santee wharf.

For continuing the grading and improvement of the property condemned under act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety, and the adjacent ground, and for the improvement of the water front thereof, fifteen thousand dollars, which sum shall be immediately available. Grading.

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MARINE CORPS.

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PROVISIONS, MARINE CORPS: * * *. "No law shall be construed to entitle enlisted marines on shore duty to any rations or communtation therefor other than such as now are or may hereafter be allowed enlisted men in the army." Rations.

* * * * *

For purchase of one Gatling revolving gun complete and one Hotchkiss revolving gun complete, of service type and caliber, * * *. Gatling gun. Hotchkiss gun.

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Mare Island. For alterations, and repair of marine barracks at Mare Island, California, * * *.

Barracks. For introducing electric light at Marine Barracks and naval prison at Mare Island, California, * * *.

INCREASE OF THE NAVY.

That for the purpose of further increasing the Naval establishment of the United States the President is hereby authorized to have constructed by contract one protected cruiser of about seven thousand three hundred tons displacement, at a cost, exclusive of armament, not to exceed two million seven hundred and fifty thousand dollars, to have a minimum speed of not less than twenty-one knots, and in the construction of said vessel all of the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the Naval Establishment," as to materials for said vessel, its engines, boilers, and machinery, the contract under which it is built, the notice of any proposals for the same, the plans, drawings, specifications therefor, and the method of executing said contract, shall be observed and followed, and said vessel shall be built in compliance with the terms of said act, save that in all its parts said vessel shall be of domestic manufacture. And in the contract for the construction thereof such provisions for minimum speed and for premiums for increased speed and penalties for deficient speed may be made subject to the terms of this bill, as in the discretion of the Secretary of the Navy may be deemed advisable; and if the Secretary of the Navy shall be unable to contract at reasonable prices for the construction of said vessel, then he may build the same in such navy yard as he may designate.

One protected cruiser.

Speed.

Proposals.

And so much of the act approved March second, eighteen hundred and eighty-nine, as authorized the construction by contract of one armored steel cruising monitor of not less than three thousand tons displacement, at a cost not exceeding one million five hundred thousand dollars exclusive of armament and any premium for increased speed, is hereby repealed.

UNDER THE BUREAU OF ORDNANCE.

Armor and armament. ARMAMENT: Towards the armament and armor of domestic manufacture, for the vessels authorized by the act of August third, eighteen hundred and eighty-six; of the vessels authorized by section three of the act approved March third, eighteen hundred and eighty-seven; of the vessels authorized by the act approved September seventh, eighteen hundred and eighty-eight; of the vessels authorized by the act of March second, eighteen hundred and eighty-nine; of those authorized by the act of June thirtieth, eighteen hundred and ninety, and this act, four million dollars.

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UNDER THE BUREAU OF EQUIPMENT.

EQUIPMENT OF NEW SHIPS OF THE NAVY: Supplying anchors, chain cables, galleys and fixtures, standing and running rigging, sails, awnings, and other canvas work, and other articles comprising the equipment outfit of ships, according to their type, namely: Protected cruisers numbered seven, eight, nine, ten, eleven, and twelve; the Monterey; gunboats numbered five and six; the harbor-defense vessel known as the Ammen ram; ironclads Puritan, Terror, Amphitrite, and Monadnock; the steel practice cruiser provided for by the act of September seventh, eighteen hundred and eighty-eight, and the torpedo cruiser and torpedo boat authorized by the act of June thirtieth, eighteen hundred and ninety, four hundred thousand dollars. Equipment.

UNDER THE BUREAU OF YARDS AND DOCKS.

TRAVELING CRANES: For two traveling cranes of forty tons capacity, for dry-docks at New York and Norfolk, one hundred thousand dollars, to be made immediately available. Traveling cranes.

CONSTRUCTION AND STEAM MACHINERY: Towards the construction and completion of the new vessels heretofore and herein authorized by Congress, with their engines, boilers, and machinery, and for the payment of premiums for increased speed or horse power under contracts now existing and to be made under this and other acts for increase of the Navy, twelve million one hundred and seven thousand dollars. Completion of vessels authorized.

* * * *Provided*, That no contract for the purchase of gun steel or armor for the Navy shall hereafter be made until the subject matter of the same shall have been submitted to public competition by the Department by advertisement. Guns, or armor, purchase of, after advertisement.

Approved, March 2, 1891.

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FIFTY-SECOND CONGRESS, FIRST SESSION—JULY 19, 1892.

AN ACT Making appropriations for the Naval Service for the fiscal year ending June thirtieth, eighteen hundred and ninety-three, and for other purposes.

[Provision is made for the Naval Establishment, and under the headings—]

PAY OF THE NAVY.

* * * * *

Pay of officers, commencement of.

It is provided "every naval cadet or cadet engineer who has heretofore graduated or may hereafter graduate from the Naval Academy, and who has been or may hereafter be commissioned within six months after such graduation an officer in the Navy or Marine Corps of the United States, under the laws appointing such graduates to the Navy or Marine Corps, shall be allowed the pay of the grade in which he may be so commissioned from the time fixed as the date of the completion of the academic course of six years by the members of his class to the date of his qualification and acceptance of his commission."

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BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: * * *.

Proving ground.

For "maintenance of new proving ground, five thousand dollars; boiler and engine for new proving ground, fifteen thousand dollars; construction of a telegraph line from the navy-yard, Washington, District of Columbia, to the naval ordnance proving ground at Indian Head, Maryland, and instruments for same, five thousand dollars; in all, one hundred and eighty thousand dollars.

Experiments and tests of ordnance.

"ORDNANCE EXPERIMENTS AND TESTS: For experimentation, making tests and development of torpedoes, projectiles, submarine guns, and other instruments of submarine warfare, and American armor, and for the use of nickel in armor, the Secretary of the Navy is hereby authorized to use one hundred thousand dollars, or so much thereof as may be necessary, to be taken from the appropriation of one million dollars appropriated by joint resolution of September twenty-ninth, eighteen hundred and ninety, for the purchase of nickel ore or nickel matte.

Manufacture of guns, navy yard, Washington.

"To enable the Secretary of the Navy in his discretion to manufacture at the Washington navy-yard, after the approval of designs to be furnished by the inventor, one eight inch, fifty caliber, high-power steel rifle, wire-wrapped or built up and hooped, chambered to load with

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a primary and main charge insuring a progressive burning of the charge, and firing a high explosive projectile with great velocity, and to test the same; and for such purpose the sum of fifty thousand dollars which was appropriated for testing three or more rapid-fire, rapid twist one pounder, breech-loading guns and an equal number of the same type of three pounder guns and an equal number of the same type of thirty-two pounder guns, in the act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety, and for other purposes, may be used; the Chief of Ordnance of the Navy Department, under the inventor's designs, shall prepare necessary computations, plans, specifications, and working drawings of said gun and its ammunition, the expenses of which shall be paid out of the fifty thousand dollars herein provided for, and no part of such money shall be expended until the owners of the patents for said eight inch rifle and its ammunition shall contract, at such price as shall be satisfactory to the Secretary of the Navy, for the exclusive right on the part of the Government to manufacture by contract or otherwise such gun and ammunition without the payment of any royalty on the same, the option of the Government to make such contract to be exercised within a period to be fixed by said contract."

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BUREAU OF YARDS AND DOCKS.

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PUBLIC WORKS—NAVY-YARDS AND STATIONS.

Portsmouth. NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: For coal pocket for the storage of coal, six thousand five hundred dollars; for construction of boiler house for buildings numbered forty-five and forty-six, seven thousand dollars; in all, thirteen thousand five hundred dollars.

Brooklyn. NAVY-YARD, BROOKLYN, NEW YORK: For quay wall extension of cob dock, thirty thousand dollars; for opening a gate into the navy-yard at Sand's Street, five thousand dollars; in all, thirty-five thousand dollars.

League Island. NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: For extension of protection wall, twenty thousand dollars; for extension of light retaining wall, fifteen thousand dollars; for ripraps, Broad Street wharf, six thousand five hundred dollars; for branch sewer, two thousand one hundred dollars; in all, forty-three thousand six hundred dollars.

Washington. NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: For repair of breech-mechanism shop, fifteen thousand dollars.

Norfolk. NAVY-YARD, NORFOLK, VIRGINIA: For floating gate for granite dock, twenty-five thousand dollars; for coal shed,

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six thousand five hundred dollars; in all, thirty-one thousand five hundred dollars.

NAVAL STATION, PORT ROYAL, SOUTH CAROLINA.—For the completion of dry dock at Port Royal, South Carolina, change of location of naval wharf, erection of office building, water-closet, pay of superintendents and inspectors, necessary dredging, incidental expenses, unforeseen emergencies and contingent expenses, and for protection to dry-dock entrance and wharf, one hundred and fifty thousand dollars; for officers' quarters, five thousand dollars; telephone line, one thousand five hundred dollars; in all, one hundred and fifty-six thousand five hundred dollars. Port Royal.

NAVY-YARD, MARE ISLAND, CALIFORNIA: For one twelve-ton pillar wharf-crane, three thousand eight hundred dollars; for locomotive for yard use, four thousand dollars; for replanking wharves, three thousand dollars; for oil house for general storekeeper, eight thousand dollars; in all, eighteen thousand eight hundred dollars. Mare Island.

* * * * *

For approaches and grounds: Observatory lane: Grading, filling, building culvert and retaining wall, and laying roadbed from Tennallytown road to new Naval Observatory, two thousand five hundred dollars; for asphalting road and footways, one thousand five hundred dollars; in all, four thousand dollars. Naval Observatory.

New meridian circle: For one six-inch meridian circle, with mounting collimators, reflection apparatus, reversing carriage, personal equation apparatus, illlumination, and alll accessories, complete, ten thousand dollars.

Removing Magnetic Observatory: For removal of magnetic buildings and instruments from the old to the new observatory, and construction of new basements, three thousand five hundred dollars.

* * * * *

Provision for the "Bureau of Provisions and Clothing, hereafter to be called

"BUREAU OF SUPPLIES AND ACCOUNTS.

"PROVISIONS, NAVY, BUREAU OF SUPPLIES AND ACCOUNTS: For * * * subsistence of officers and men when unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for commutation therefor to be given) * * *. All laws now in force relating to the Bureau of Provisions and Clothing shall now and hereafter apply to the Bureau of Supplies and Accounts. Bureau of Supplies and Accounts created.

"And the provisions of section two of the naval appropriation act approved March third, eighteen hundred and eighty-three, shall be so modified that hereafter orders Officers on shore duty.

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of the Secretary of the Navy employing officers on shore duty shall state that such employment is required by the public interests, but need not state the duration of such service."

BUREAU OF CONSTRUCTION AND REPAIR.

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Wellman roller bushings.

Four thousand dollars of the appropriation for construction and repair of vessels "may be used to purchase the right to manufacture and use the 'Wellman improved bushings for sheaves,' patented under letters patent numbered three hundred and three thousand seven hundred and seventy of August nineteenth, eighteen hundred and eighty-four: * * *."

Hartford. Kearsarge.

For "the necessary repairs and preservation of the United States ships Hartford and Kearsarge * * *."

BUREAU OF STEAM ENGINEERING.

* * * * *

League Island.

Navy-yard, League Island, Pennsylvania: For necessary tools and machinery to put the yard in condition to do ordinary repair work * * *.

MARINE CORPS.

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Marine barracks. Port Royal.

For erection of a building for marine barracks at naval station, Port Royal, South Carolina; appropriation to be immediately available, three thousand dollars; and no part of this appropriation shall be used until a contract shall have been made for the completion of said barracks within the same.

Mare Island.

For sanitary improvements at the Marine barracks, navy-yard, Mare Island, California, five thousand two hundred and twelve dollars.

* * * * *

Naval review, World's Columbian Exposition.

INTERNATIONAL NAVAL RENDEZVOUS AND REVIEW: Toward the expenses of the international naval rendezvous and review, as provided in section eight of the act creating the Worlds Columbian Exposition, including pay and drill of seamen temporarily enlisted and used for said review in addition to the regular number of enlisted men and including the construction by the Secretary of the Navy of reproductions in Spain of two of the caravels, the Pinta and the Nina, which composed the fleet of Columbus on his voyage of discovery, to be taken after the review to Chicago as a part of the Government exhibit, fifty thousand dollars.

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INCREASE OF THE NAVY.

That for the purpose of further increasing the Naval Establishment of the United States, the President is hereby authorized to have constructed, by contract, one armored cruiser of about eight thousand tons displacement of the general type of armored cruiser numbered two (New York), to cost, exclusive of armament, not more than three million five hundred thousand dollars, excluding any premium that may be paid for increased speed and the cost of armament. The contract for the construction of said cruiser shall contain provisions to the effect that the contractor guarantees that when completed and tested for speed, under conditions to be prescribed by the Navy Department, it shall exhibit a speed of at least twenty knots per hour; and for every quarter knot of speed so exhibited above said guaranteed speed the contractor shall receive a premium over and above the contract price of fifty-thousand dollars; and for every quarter knot that such vessel fails of reaching said guaranteed speed there shall be deducted from the contract price the sum of fifty thousand dollars; In the construction of said vessel all the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the Naval Establishment," as to material for said vessel, its engines, boilers, and machinery, the contract under which it is built, the notice of and proposals for the same, the plans, drawings, specifications therefor, and the method of executing said contract, shall be observed and followed, and said vessel shall be built in compliance with the terms of said act, save that in all its parts said vessel shall be of domestic manufacture. If the Secretary of the Navy shall be unable to contract at reasonable prices for the building of said vessel, then he may build such vessel in such navy-yard as he may designate.

One armored cruiser.

Speed.

Also one sea-going coast-line battle ship, designed to carry the heaviest armor and most powerful ordnance, with a displacement of about nine thousand tons, to have the highest practicable speed for vessels of its class, and to cost, exclusive of armament and of any premiums that may be paid for increased speed, not exceeding four million dollars.

One battle-ship.

And in the construction of said battle ship, the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the Naval Establishment," shall be observed and followed in the same manner that the provisions of said act are applied to the construction of the armored cruiser herein authorized; and in the contracts for the construction of said battle ship, such provisions for minimum speed and for premiums for increased speed and penalties for deficient

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speed may be made, subject to the terms of this act, as in the discretion of the Secretary of the Navy may be deemed advisable.

UNDER THE BUREAU OF ORDNANCE.

Armor and armament.

ARMAMENT AND ARMOR: Toward the armament and armor of domestic manufacture for the vessels authorized by the act of August third, eighteen hundred and eighty-six; of the vessels authorized by section three of the act approved March third, eighteen hundred and eighty-seven; of the vessels authorized by the act approved September seventh, eighteen hundred and eighty-eight; of the vessels authorized by the act of March second, eighteen hundred and eighty-nine; of those authorized by the acts of June thirtieth, eighteen hundred and ninety, March second, eighteen hundred and ninety-one, and this act, including the purchase and installation of new machinery for the breech-mechanism shop at the navy-yard, Washington, District of Columbia, and torpedo outfits for the Atlanta, Boston, and Chicago, two million dollars.

UNDER THE BUREAU OF EQUIPMENT.

Equipment.

EQUIPMENT OF NEW VESSELS OF THE NAVY: Toward the completion of the equipment outfit of the new vessels heretofore authorized by Congress, four hundred thousand dollars.

UNDER THE BUREAU OF YARDS AND DOCKS.

TRAVELING CRANES: For one traveling crane of forty tons capacity, for dry docks at Mare Island, California, navy-yard, sixty thousand dollars.

Completion of vessels.

CONSTRUCTION AND STEAM MACHINERY: Toward the construction and completion of the new vessels heretofore and herein authorized by Congress, with their engines, boilers and machinery, and for the payment of premiums for increased speed or horse power under contracts now existing and to be made under this and other acts for increase of the Navy, seven million dollars: *Provided*, That no contract for the purchase of gun steel or armor for the Navy shall hereafter be made until the subject-matter of the same shall have been submitted to public competition by the Department by advertisement.

Contracts after public competition.

Approved, July 19, 1892.

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FIFTY-SECOND CONGRESS, SECOND SESSION—MARCH 3, 1893.

[PUBLIC—No. 128.]

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety-four, and for other purposes.

[Provision is made for the Naval Establishment, and under the headings—]

PAY OF THE NAVY.

* * * * *

Chief of Bureau Construction and Repair, eligibility for.

Provision for any naval constructor having the rank of captain, commander, or lieutenant commander to be eligible as chief of the Bureau of Construction and Repair.

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PAY MISCELLANEOUS.

* * * * *

London fiscal agents; allowance to.

"Hereafter the accounting officers of the Treasury are hereby authorized to credit appropriation 'Pay miscellaneous,' with all receipts for interest on the account of the Navy Department with the London fiscal agents, premiums arising from sales of bills of exchange, and from any appreciation in the value of foreign coin. And

Fraudulent enlistment.

fraudulent enlistment, and the receipt of any pay or allowance thereunder, is hereby declared an offense against naval discipline and made punishable by general court-martial, under article twenty-two of the articles for the government of the Navy; but this provision shall not take effect until sixty days after the passage of this act."

* * * * *

BUREAU OF NAVIGATION.

Assistant to Chief of Bureau of Navigation.

That an officer of the Navy not below the rank of commander may be detailed as assistant to the Chief of the Bureau of Navigation in the Navy Department, and such officer shall receive the highest pay of his grade, and, in case of the death, resignation, absence, or sickness of the Chief of the Bureau, shall, unless otherwise directed by the President, as provided by section one hundred and seventy-nine of the Revised Statutes, perform the duties of such Chief until his successor is appointed or such absence or sickness shall cease.

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Purchase of discharge.

Provided, "In time of peace the President may in his discretion, and under such rules and upon such conditions as he may prescribe, permit any enlisted man to purchase his discharge from the Navy or the Marine Corps, the amounts received therefrom to be covered into the Treasury."

Coasters Island.

NAVAL TRAINING STATION, COASTERS HARBOR ISLAND, RHODE ISLAND (FOR APPRENTICES): * * *.

"For building retaining wall, from material on the island, at a price not to exceed three dollars per foot, and foundation, two thousand five hundred dollars;

"For two boilers and extension of boiler house, with water tank and feed-water tank, seven thousand dollars.

"For purchase of one dynamo, fifty horse power, and extension of electric plant for training station and War College and Torpedo School, four thousand five hundred;"

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BUREAU OF ORDNANCE.

* * * * *

One submarine.

For submarine torpedo boat: For building a submarine torpedo boat and conducting experiments therewith, two hundred thousand dollars, to be taken from the balances of appropriations on hand July first, eighteen hundred and ninety-three, to the credit of armor and armament of vessels heretofore authorized.

* * * * *

PUBLIC WORKS—BUREAU OF YARDS AND DOCKS, NAVY-YARDS AND STATIONS, NAVAL ACADEMY, AND NEW NAVAL OBSERVATORY.

Portsmouth.

NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: For construction of boiler house for building number ten, fifteen thousand dollars.

Boston.

NAVY-YARD, BOSTON, MASSACHUSETTS: For repairs to wharf, twenty thousand dollars.

Brooklyn.

NAVY-YARD, BROOKLYN, NEW YORK: For completing gateway on Sands Street, paving and grading streets in connection with same, extension of railroad tracks, continuation of quay wall, repairs to buildings, and for other improvements at the navy-yard, Brooklyn, New York, three hundred thousand dollars, to be paid from proceeds of sale of portion of Brooklyn Navy-yard under act of Congress, approved December twenty-second, eighteen hundred and ninety-two.

League Island.

NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: For continuation of sea wall, twenty thousand dollars; one pair shear legs, eighteen thousand dollars; toward the construction of east dry dock pier, as estimated for by the Bureau of Yards and Docks, forty thousand dollars; the total cost for the completion of the said pier not to exceed

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the sum of eighty thousand dollars; in all, seventy-eight thousand dollars.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: For new timber shed for ordnance purposes, seven thousand five hundred dollars; for conversion of mold-loft building into a forge shop, eight thousand dollars; for reconstruction of forge shop with foundations for crane columns, ten thousand dollars; for one wrecking car with fifteen-ton crane attachment, two thousand five hundred dollars; for installation of electric lights in breech-mechanism shop, two thousand five hundred dollars; in all, thirty thousand five hundred dollars. Washington.

NAVY-YARD, NORFOLK, VIRGINIA: For extension of quay wall, fifteen thousand dollars; for extension of water system, eight thousand dollars; in all, twenty-three thousand dollars. Norfolk.

NAVAL STATION, PORT ROYAL, SOUTH CAROLINA: For sewerage, eight hundred and forty-six dollars; for officers' quarters, seven thousand dollars; for boathouse, one thousand dollars; for barn, seven hundred and fifty dollars; and for completing officers' quarters, heretofore authorized, two thousand five hundred dollars; in all, twelve thousand and ninety-six dollars. Port Royal.

DRY DOCK, ALGIERS, LOUISIANA: Toward the establishment of a dry dock on the Government reservation, near Algiers, Louisiana; for plans and specifications, and for the acquisition of such additional land as may be necessary in the discretion of the Secretary of the Navy, in accordance with the recommendations of two Commissions appointed by the President under the provisions of an act approved September seventh, eighteen hundred and eighty-eight, and the act approved June thirtieth, eighteen hundred and ninety, respectively, twenty-five thousand dollars. Dry-dock, Algiers, La.

NAVY-YARD, MARE ISLAND, CALIFORNIA: For dredging, twenty thousand dollars; for dry-air closet, four thousand dollars; for new carriage house and dirt stables, for yards and docks stables, three thousand dollars; for changes in steam-engineering buildings, four thousand seven hundred and ninety-seven dollars; for shed for bending slabs, rolls, and furnaces, six thousand three hundred and eighty-one dollars; for engine house for engine for construction and repair, three thousand four hundred and seventy dollars; in all, forty-one thousand six hundred and forty-eight dollars. Mare Island.

DRY DOCK, PUGET SOUND, WASHINGTON: To continue the construction of the dry dock at Puget Sound, authorized by the act approved March second, eighteen hundred and ninety-one, including approaches to dry dock, rent of quarters for civil engineer and inspector, pay of superintendents, inspectors, and draftsmen, necessary dredging, and incidental expenses, two hundred and twenty-five thousand dollars. Dry-dock, Puget Sound.

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Naval Academy. Buildings and grounds: For one new boiler house and fittings, to be immediately available, twenty-six thousand dollars; for the erection of two double houses for officers' quarters, thirty thousand dollars; in all, fifty-six thousand dollars.

Naval Observatory. For grounds and roads: For continuing grading, extending roads and paths, clearing grounds of New Naval Observatory, and filling ravine contiguous to boiler house, to be immediately available, twelve thousand dollars.

Stationary fire engine: For one stationary fire engine, with pipes, connections, and frame shelter, four thousand five hundred dollars; in all sixteen thousand five hundred dollars.

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BUREAU OF SUPPLIES AND ACCOUNTS.

* * * * *

Naval supply fund created. "And the Secretary of the Treasury is hereby authorized and directed to cause general account of advances to be charged with the sum of two hundred thousand dollars, which amount shall be carried to the credit of a permanent naval-supply fund to be used under the direction of the Secretary of the Navy in the purchase of ordinary commercial supplies for the naval service, and to be reimbursed from the proper naval appropriations whenever the supplies purchased under said fund are issued for use."

* * * * *

Naval supplies, completing consolidation of. For consolidating naval supplies: "For completion of the work of arranging, classifying, consolidating, and cataloguing supplies of the Navy, * * *.

"For expenses (not properly chargeable to other specific appropriations) of handling, shipping, and transportation from one station to another of the stores which under the law have ceased to belong to particular bureaus and have become general supplies for use of the Navy, * * *."

MARINE CORPS.

* * * * *

Marine barracks. "To complete the erection of barracks at naval station, Port Royal, South Carolina, appropriation to be immediately available, two thousand six hundred dollars.

"For erection of a marine barracks on Coaster Harbor Island, Newport, Rhode Island, fifteen thousand dollars: *Provided*, That no part of this appropriation shall be used until a contract shall have been made for the completion of said barracks within the same."

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INTERNATIONAL NAVAL RENDEZVOUS AND REVIEW: For the expenses of the International Rendezvous and Review, including assembling and preparation of ships and such temporary increase of the force of enlisted men and marines as may be required, and such other necessary expenses as the Secretary of the Navy may authorize, to be immediately available, three hundred thousand dollars, or so much thereof as may be necessary; and the number of persons who may at one time be enlisted into the Navy of the United States, including seamen, ordinary seamen, landsmen, mechanics, firemen, and coal heavers, and including one thousand five hundred apprentices and boys, hereby authorized to be enlisted annually, shall not exceed nine thousand. And the Secretary of the Navy be, and he is hereby, authorized, empowered, and directed to define and establish suitable anchorage grounds in Hampton Roads and in New York harbor during the continuance of the naval rendezvous and review to be held in pursuance of the provisions of section eight of the act of Congress, approved April twenty-fifth, eighteen hundred and ninety, creating the World's Columbian Exposition; and the Secretary of the Navy is hereby further authorized to make such rules and regulations regarding the movements of all vessels in the roadstead and harbor named as may be necessary in order to insure the proper and orderly conduct of said naval rendezvous and review and provide for the safety of the vessels participating therein; and such rules and regulations when so issued and published shall have the force and effect of law.

Naval review, World's Columbian Exposition.

INCREASE OF THE NAVY.

That for the purpose of further increasing the Naval Establishment of the United States, the President is hereby authorized to have constructed, by contract, three light-draft protected gunboats of about one thousand two hundred tons displacement each, to cost, exclusive of armament, not more than four hundred thousand dollars each, excluding any premium that may be paid for increased speed and the cost of armament. The contract for the construction of either of said gunboats shall contain such provisions as to speed and premiums and penalties affected by speed as may in the judgment of the Secretary of the Navy may be deemed proper and fitting. In the construction of said vessels all the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the Naval Establishment," as to material for said vessels, their engines, boilers, and machinery, the contract under which they are built, the notice of and proposals for the same, the plans, drawings, specifications therefor, and the method of executing said contracts, shall be observed and followed, and said vessels

Three protected gunboats.

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shall be built in compliance with the terms of said act, save that in all their parts said vessel shall be of domestic manufacture: *Provided, however*, That the Secretary of the Navy shall not receive or consider bids from any party or parties not provided with a plant suitable to do the work: *And provided further*, That in awarding the contract for any one of these ships, the Secretary of the Navy shall award the contract at the price of the lowest bid to that one of the parties bidding on any such ship which in his judgment it is in the interest of the Government to have to do the work. If the Secretary of the Navy shall be unable to contract at reasonable prices for the building of said vessels, then he may build such vessels in such navy-yard as he may designate.

Proposals for.

UNDER THE BUREAU OF ORDNANCE.

Armor and armament.

ARMAMENT AND ARMOR: All balances of appropriations on hand July first, eighteen hundred and ninety-three, to the credit of armor and armament of vessels heretofore authorized, shall be available toward the armor and armament of any of the vessels heretofore authorized as well as for the armor and armament of vessels authorized by this act, including the purchase of or payment for the right to use and employ such patented processes and to manufacture and use such patented devices, apparatus, models, and designs as may, in the judgment of the Secretary of the Navy, be necessary or desirable to increase the efficiency of the armor and armament for naval vessels: *Provided, always*, That such armor and armament shall be of domestic manufacture.

UNDER THE BUREAU OF EQUIPMENT.

Completion of vessels authorized.

EQUIPMENT OF NEW VESSELS OF THE NAVY: Toward the completion of the equipment outfit of the new vessels heretofore and herein authorized by Congress, two hundred and fifty thousand dollars.

CONSTRUCTION AND STEAM MACHINERY: On account of the hulls and outfits of vessels and steam machinery of vessels heretofore and herein authorized, six million eight hundred and seventy-five thousand dollars: *Provided*, That no contract for the purchase of gun steel or armor for the Navy shall hereafter be made until the subject-matter of the same shall have been submitted to public competition by the Department by advertisement.

Approved, March 3, 1893.

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FIFTY-THIRD CONGRESS, SECOND SESSION—JULY 26, 1894.

[PUBLIC—No. 128.]

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety-five, and for other purposes.

[Provision is made for the Naval Establishment, and under the headings—]

PAY OF THE NAVY.

* * * * *

Regulating rank on transfer.

It is provided "that all officers who have been appointed to any corps of the Navy after service in a different branch of the Navy, shall have all the benefits of their previous service in the same manner as if said appointments were a re-entry into the Navy. Any alien of the age of twenty-one years and upward who has enlisted or may enlist in the United States Navy or Marine Corps, and has served or may hereafter serve five consecutive years in the United States Navy or one enlistment in the United States Marine Corps, and has been or may hereafter be honorably discharged, shall be admitted to become a citizen of the United States upon his petition, without any previous declaration of his intention to become such; and the court admitting such alien shall, in addition to proof of good moral character, be satisfied by competent proof of such person's service in and honorable discharge from the United States Navy or Marine Corps: *Provided further*, That in order to fill vacancies that may exist in the grade of ensign in the Navy and in the grade of assistant engineer in the Navy, the Secretary of the Navy shall, in case the number of vacancies in either of such grades exceeds the number of naval cadets in the line division or in the engineer division of the class of naval cadets finally graduated in the year eighteen hundred and ninety-four, or in any one year thereafter, select a number equal to such excess from the final graduates of said class in the engineer division or in the line division, as the case may require, who shall be reported as proficient and be recommended thereto by the Academic Board, and such final graduates shall be appointed to fill vacancies in the grade of ensign in the Navy or in the grade of assistant engineer in the Navy, respectively, and the naval cadets so appointed to fill vacancies in such grades shall take rank in those respective grades next after the naval cadets appointed from the line division or from the engineer division, as the

Citizenship.

Ensign.

Assistant engineer.

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case may be, to fill vacancies in those grades, but among themselves according to merit as determined by the Academic Board."

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BUREAU OF NAVIGATION.

Ourdan and Kolb engraving machine.

Provision: "To enable the Secretary of the Navy in his discretion to purchase for the United States the Ourdan and Kolb letter-engraving machine and the right to manufacture and use, without the payment of royalty, others of said machine and any and every improvement or modification of said machine or applicable to said machine and referred to in the letters patent that have been or may hereafter be granted to the inventors of said machine or their assignees, twenty thousand dollars, or so much thereof as may be necessary."

BUREAU OF ORDNANCE.

* * * * *

Quarters, Fort Norfolk, Va.

REPAIRS, BUREAU OF ORDNANCE: * * * "For the addition of two rooms to the quarters of the inspectors of ordnance at Fort Norfolk, Virginia, * * *.

Naval magazine, Mare Island, Cal.

"For construction and extension of buildings at the naval magazine, Mare Island, to replace those destroyed by the explosion on June thirteenth, eighteen hundred and ninety-two, seventeen thousand nine hundred dollars; * * *.

Guncotton factory.

"For replacing the gun-cotton factory destroyed by fire July third, eighteen hundred and ninety-three, eleven thousand and seventy-seven dollars; * * *.

Washington Navy Yard.

"GUN PLANT, WASHINGTON NAVY-YARD: For gun plant, navy-yard, Washington, District of Columbia: Erection of steam hammers, blast to furnace and forges, in the new forge shop at the Washington navy-yard (mold-loft building converted into forge shop, act of March third, eighteen hundred and ninety-three), six thousand dollars; for necessary machinery to equip the new machine shop at the Washington navy-yard (old forge shop reconstructed, act of March third, eighteen hundred and ninety-three), and for additional boiler power, one hundred and eleven thousand dollars; * * *."

BUREAU OF YARDS AND DOCKS.

* * * * *

PUBLIC WORKS—BUREAU OF YARDS AND DOCKS, NAVY-YARDS AND STATIONS, NAVAL ACADEMY, AND NEW NAVAL OBSERVATORY.

Boston.

NAVY-YARD, BOSTON, MASSACHUSETTS: For electric light plant, fifteen thousand dollars.

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NAVY-YARD, BROOKLYN, NEW YORK: For caisson for granite dock, thirty-five thousand dollars; for renewing buildings numbered one hundred and fourteen, one hundred and fifteen, and one hundred and sixteen (C. and R.), seventy thousand dollars; for grading, paving, and laying of sewers, ten thousand dollars; for quay wall inside of Whitney basin, twenty-five thousand dollars; in all, one hundred and forty thousand dollars. Brooklyn.

NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: For continuation of sea wall, twenty thousand dollars; for completion of shear legs, eleven thousand nine hundred dollars; for an electric-light plant, ten thousand dollars; to complete east dry-dock pier, forty thousand dollars, to be immediately available; in all, eighty-one thousand nine hundred dollars. League Island.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: For extension of yard wall through marsh, twenty-four thousand six hundred and ninety-three dollars; retaining wall for, and raising lower floor, store numbered ten, ten thousand nine hundred and fifteen dollars; locomotive wrecking crane, seven thousand five hundred dollars; completing conversion of mold-loft building into forge shop, six thousand nine hundred and thirty-six dollars; in all, fifty thousand and forty-four dollars. Washington.

NAVY-YARD, NORFOLK, VIRGINIA: For extension of electric plant, eight thousand dollars; for sewers, drains, and water-closets in offices and shops, fifteen thousand dollars; for continuing quay wall, fifteen thousand dollars. Norfolk.

For the construction of a fireproof storehouse to replace the storehouse building numbered fifteen, destroyed by fire in December, eighteen hundred and ninety-three, seventy-two thousand three hundred and sixty-five dollars and seventy-seven cents; in all, one hundred and ten thousand three hundred and sixty-five dollars and seventy-seven cents.

NAVAL STATION, PORT ROYAL, SOUTH CAROLINA: For repairs to main wharf, eighteen thousand three hundred and sixty-eight dollars. Port Royal.

For paying Justin McCarthy, contractor for building the dry dock at Port Royal, South Carolina, in full for loss and damage caused by the cyclone of August twenty-seventh and twenty-eighth, eighteen hundred and ninety-three, as ascertained by the Navy Department, eighteen thousand five hundred and twenty-one dollars and forty-two cents.

Dry dock at Algiers, Louisiana: For the purpose of completing the purchase of additional lands necessary for the establishment of a dry dock at Algiers, Louisiana, cost of advertising, plans and specifications for said dry dock, and expenses of judicial proceedings instituted for the condemnation of such additional lands, twenty-three thousand and twenty-five dollars and three cents. Dry dock, Algiers.

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Mare Island. NAVY-YARD, MARE ISLAND, CALIFORNIA: For extending yard railroads, eighteen thousand three hundred and thirty-two dollars; for navy-yard roads, five thousand dollars; for shed over galvanizing plant (C. and R.), three thousand seven hundred and fifty dollars; for cottage for electrician, one thousand nine hundred and thirty-seven dollars; in all, twenty-nine thousand and nineteen dollars.

For the construction of a steam tug at Mare Island Navy Yard, California, for the use of said yard, fifty thousand dollars.

Dry dock, Puget Sound. DRY DOCK, PUGET SOUND [NAVAL STATION], WASHINGTON: For artesian wells, three thousand five hundred dollars; to defray the expenses incurred prior to September sixteenth, eighteen hundred and ninety-two, in boring test wells, recording titles and deeds, perfecting titles, and in connection with the purchase of the Puget Sound dry dock, two thousand five hundred and seventy-nine dollars and eighty-three cents, the same having been expended by Lieutenant A. B. Wykoff, United States Navy, by direction of the Navy Department; in all, six thousand and seventy-nine dollars and eighty-three cents.

Key West. FOR NAVAL STATION, KEY WEST, FLORIDA: Coaling shed, ten thousand dollars

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Naval Academy. FOR BUILDINGS AND GROUNDS, NAVAL ACADEMY: Improvement of the water front of the Academy, ten thousand dollars.

For repairs to the gas-plant, five thousand dollars.

Annapolis streets, pavement of. To pave Hanover street from Maryland avenue to Wagner street, Wagner street from Hanover street to King George street, and King George street from College avenue to College or Graveyard Creek, in the city of Annapolis, Maryland, thirteen thousand dollars; and the Secretary of the Navy is hereby authorized to convey to the city of Annapolis, Maryland, the title to the bed of King George street from College avenue to College or Graveyard Creek.

FOR GROUNDS AND ROADS: For continuing grading, extending roads and paths, clearing and improving grounds Naval Observatory. of New Naval Observatory, and filling ravine contiguous to boiler house to Massachusetts avenue extended, twelve thousand dollars.

Instruments and accessories: Miscellaneous instruments and accessories, namely: One comet seeker, four hundred dollars; one standard mercurial barometer, four hundred dollars; one magnetic theodolite, eight hundred dollars; one dip circle, two hundred and fifty dollars; one earth inductor inclinometer, three hundred dollars; one galvanometer, eighty dollars; one telescope and scale, fifty dollars; one quadrant galvanometer, sixty-two dollars; one compensator, fourteen dollars; glass scales, one hun-

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dred dollars; beam suspensions, one hundred dollars; one photographic register, one hundred and fifty dollars; one altazimuth instrument, mounted and protected from weather, six thousand five hundred dollars; eye-pieces and shades, two hundred and fifty dollars; one twelve-inch object-glass, two thousand dollars. For freight elevator, five hundred dollars; in all, twenty-three thousand nine hundred and fifty-six dollars.

BUREAU OF MEDICINE AND SURGERY.

* * * * *

NAVAL HOSPITAL FUND: * * * "For complete renovation of present hospital building at Brooklyn, New York, with a view of placing it in a perfect sanitary condition, namely: for sealing all the walls to remove existing disease germs and for antiseptically finishing and painting them, removing rotten wooden floors and replacing them by tile with slate sidings impervious to moisture, scraping and painting all doors and woodwork, refitting windows so as to be utilized in ventilation, remodeling cased wooden stairways and renewing them with iron or other suitable material, fifteen thousand dollars; for construction of one ward of modern design of sufficient size and cubic air space to accommodate at least fifty sick and wounded men, to be one story high with suitable elevation and to be constructed of the same material used for present hospital, twenty-five thousand dollars; for erection of retaining and boundary wall, fifteen thousand dollars; for kitchen, mess hall, and smoking room removed from basement and located apart, conveniently for inmates and attendants of main hospital building and proposed adjacent wards, three thousand five hundred dollars; for construction of an operating ward with all modern antiseptic appliances, one thousand five hundred dollars; for heating and fire apparatus enlarged and improved: Plumbing renewed, five thousand dollars; for elevator for transporting sick and wounded introduced, three thousand dollars; for apartment fitted in main building for chapel, reading room, and sailors' library, one thousand dollars; in all, sixty-nine thousand dollars, which sum shall be paid from that portion of the naval hospital fund accruing from the sale of naval hospital grounds to the city of Brooklyn, and placed to the credit of the naval hospital fund, in pursuance of the provisions of the Act approved July second, eighteen hundred and ninety." Naval hospital, Brooklyn.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: * * *.

Provision for "department of instruction, sick quarters at Naval Academy and marine barracks, * * * for necessary expenses incident to removal of museum of Museum, removal of.

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hygiene to old observatory building and grounds, and for such minor repairs on said building and grounds as may be required to properly receive and preserve the exhibits * * *."

BUREAU OF SUPPLIES AND ACCOUNTS.

Assistant to Chief of Bureau of Supplies and Accounts.

Provides "that an officer of the pay corps of the Navy may be detailed as assistant to the Chief of the Bureau of Supplies and Accounts in the Navy Department, and that such officer shall, in case of the death, resignation, absence, or sickness of the Chief of the Bureau, unless otherwise directed by the President, as provided by section one hundred and seventy-nine of the Revised Statutes, perform the duties of such chief until his successor is appointed or such absence or sickness shall cease."

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BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: * * *.

Constitution.

For the repair of the ship Constitution, now lying at the Portsmouth navy-yard, in the State of New Hampshire, in order that it may be used as a training ship for the naval militia, eight thousand dollars.

Hartford.

For the repairs of the hull of the United States ship Hartford, to be used as a training ship when repaired, one hundred and fifty thousand dollars.

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BUREAU OF STEAM ENGINEERING.

* * * * *

Chicago.

STEAM MACHINERY (SPECIAL): To commence the construction of new machinery, engines, and boilers of United States steamship Chicago, two hundred thousand dollars.

Standish.

To replace present machinery and boiler of tug Standish, at Naval Academy, with new machinery, fifteen thousand dollars.

Fortune.

To replace present machinery and boiler of tug Fortune, at Norfolk, Virginia, with new machinery, fifteen thousand dollars.

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NAVAL ACADEMY.

* * * * *

Cadets, Naval Academy, appointment of.

"*Provided*, That section fifteen hundred and fourteen, chapter five, title fifteen of the Revised Statutes of the United States, is hereby amended so that it shall hereafter read: The Secretary of the Navy shall, as soon after the fifth of March in each year as possible, notify in writ-

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ing each Member and Delegate of the House of Representatives of any vacancy that may exist in his district. The nomination of a candidate to fill said vacancy shall be made upon the recommendation of the Member or Delegate, if such recommendation is made by the first day of July of that year; but if it is not made by that time, the Secretary of the Navy shall fill the vacancy by appointment of an actual resident of the district in which the vacancy exists, who shall have been for at least two years immediately preceding the date of his appointment an actual and bona fide resident of the district in which the vacancy exists and of the legal qualification under the law as now provided. The candidate allowed for the District of Columbia, and all the candidates appointed at large, shall be selected by the President.

"That every Member or Delegate of Congress whose district or territory is now unrepresented at the Naval Academy by a cadet who is not an actual resident of the district shall be permitted on or before the first day of September, eighteen hundred and ninety-four, to recommend a candidate for appointment as a cadet at the Naval Academy, and the Secretary of the Navy shall nominate such candidate for appointment to the Academy, subject to qualifications now prescribed by law. Such cadets when appointed to be in addition to the number of cadets now allowed, and the sum of five thousand five hundred dollars, or so much thereof as is necessary, is hereby appropriated for the additional number of cadets herein authorized."

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MARINE CORPS.

* * * * *

FOR REPAIRS OF BARRACKS: * * *.

"For alteration and repair of marine barracks and other public buildings, repair of parade ground, relaying walks and gas and water pipes at navy-yard, Brooklyn, New York, * * *. Marine barracks, Brooklyn.

"For the introduction of steam heat into the marine barracks and officers' quarters, navy-yard, Boston, Massachusetts, and incidental expenses connected therewith, * * *." Boston.

INCREASE OF THE NAVY.

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for the vessels authorized by the act of August third, eighteen hundred and eighty-six; of the vessels authorized by the act approved September seventh, eighteen hundred and eighty-eight; of the vessels authorized by the act approved March second, eighteen hundred and eighty-nine; of those authorized by the act of June thirtieth, eighteen hundred and ninety; Armor and armament.

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of the one authorized by the act of March second, eighteen hundred and ninety-one; of those authorized by the act of July nineteenth, eighteen hundred and ninety-two; and of the vessels authorized by the act of March third, eighteen hundred and ninety-three, four million dollars.

CONSTRUCTION AND STEAM MACHINERY: On account of the hulls and outfits of vessels and steam machinery of vessels heretofore or herein authorized, five million nine hundred and fifty-five thousand and twenty-five dollars and from this amount there shall be paid all speed premiums upon new naval vessels earned previous to January first, eighteen hundred and ninety-four, and which remain unpaid at this date, the amount of such speed premium in each case being according to the official report in the trial of each vessel approved by the Secretary of the Navy.

Construction and machinery.

One cruiser.

The Secretary of the Navy is hereby authorized to use the four hundred and fifty thousand dollars "for the construction of one additional cruiser of the Vesuvius type," appropriated by the act of March second, eighteen hundred and eighty-nine, or so much thereof as may be necessary for the construction, armament, and equipment of three torpedo boats, to cost, all together, not more than the said sum of four hundred and fifty thousand dollars. And authority is hereby given to transform the United States steamship Vesuvius into a torpedo cruiser if, in the opinion of the Secretary of the Navy, such transformation will add to "the efficiency of this vessel for naval purposes." And the Secretary of the Navy is hereby authorized to remit the time penalties on the dynamite cruiser Vesuvius, and a sum sufficient for such purpose is hereby appropriated.

Vesuvius, conversion of.

Approved, July 26, 1894.

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AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety-six, and for other purposes.

[Provision is made for the Naval Establishment, and under the headings—]

PAY OF THE NAVY.

Additional seamen.

It is provided "the Secretary of the Navy is hereby authorized to enlist as many additional seamen as in his discretion he may deem necessary, not to exceed one thousand; * * *: *Provided*, That any retired officer of the Navy or Marine Corps may, on his own application, be detailed to service as a teacher or professor in any school or college, but while so serving such officer shall be allowed no additional compensation."

Retired officers detailed at schools and colleges.

* * * * *

Medical Director Wales, relief of.

"That the accounting officers of the Treasury are hereby authorized and directed to credit Philip S. Wales, medical director, United States Navy, with the sum of forty-four thousand fifty-five dollars and eighty-nine cents, to relieve the said Wales from certain charges raised against him on the books of the Treasury upon Treasury settlement numbered eight thousand and sixty-two, dated January tenth, eighteen hundred and eighty-eight: *Provided*, That the Secretary of the Navy shall be satisfied that the said Philip S. Wales received no benefit from the payment of the vouchers represented in the charges now standing against him in said Treasury settlement numbered eight thousand and sixty-two."

BUREAU OF NAVIGATION.

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Newport.

"Naval Station, Newport, Rhode Island: For maintenance of office of commandant, stationery, heating, furniture, freight, and other contingent expenses, * * *."

Coasters Island.

Hospital for station.

"NAVAL TRAINING STATION, COASTERS HARBOR ISLAND, RHODE ISLAND (FOR APPRENTICES): * * * For hospital for station, twenty thousand dollars; * * *: *Provided*, That no part of the personnel of the training force shall be quartered on shore except in case of sickness."

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BUREAU OF ORDNANCE.

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Patent rights.

A provision "to enable the Secretary of the Navy to pay, should he consider such payment desirable, for the

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exclusive rights to and for ordnance appliances now in use on naval vessels and protected and covered by Patent Numbered Five hundred and thirty-three thousand one hundred and seventy-one, said patent being embraced in a contract dated January twenty-eighth, eighteen hundred and ninety-three, and signed by the Secretary of the Navy and the patentee and authorized in the act making appropriations for the Naval Service for the fiscal year ending June thirtieth, eighteen hundred and ninety-three, and for other purposes, twenty-five thousand dollars, or so much thereof as may be necessary, to be immediately available."

* * * * *

Purchase of guns.

"For purchase of forgings and manufacture of guns for batteries for training ships, and a reserve supply of guns for ships of the Navy, one hundred thousand dollars; * * *."

Magazine, Craney Island, removal.

For "magazine, Craney Island: Removal of magazine at Craney Island, in the harbor of Norfolk, to a more suitable and safe locality, * * *."

For "naval proving ground: Buildings for magazine for high explosives, and filling house; sewerage, extension of railroad track, water supply, and so forth, * * *."

BUREAU OF YARDS AND DOCKS.

* * * * *

PUBLIC WORKS—BUREAU OF YARDS AND DOCKS, NAVY-YARDS AND STATIONS, NAVAL ACADEMY, AND NEW NAVAL OBSERVATORY.

Boston.

NAVY-YARD, BOSTON, MASSACHUSETTS: To complete the electric plant at the Boston Navy-Yard, including United States steamer Wabash, one thousand five hundred dollars.

Brooklyn.

NAVY-YARD, BROOKLYN, NEW YORK: For pumping plant for granite dock, forty thousand dollars; grading, paving, sidewalks, and sewers, ten thousand dollars; rebuilding construction and repair shipwright shed numbered forty-four, six thousand five hundred and thirty-four dollars; putting equipment paint shop in good condition, three thousand five hundred and seventy-five dollars; dredging, fifty-five thousand dollars; quay wall in Whitney basin (total estimated cost, one hundred and eleven thousand eight hundred and fifty-five dollars), twenty-five thousand dollars; heating apparatus for equipment rigging loft, one thousand two hundred and eighty-six dollars; extension of railroad system, ten thousand dollars; in all, one hundred and fifty-one thousand three hundred and ninety-five dollars.

League Island.

NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: For continuation of the sea wall, twenty thousand dollars;

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dredging, ten thousand dollars; artesian wells, nine thousand dollars; sidewalks, three thousand five hundred dollars; one deck scow, two thousand dollars; for the construction of one steam tug, twenty-five thousand dollars; in all, sixty-nine thousand five hundred dollars.

Washington.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: For extension of quay wall, four thousand five hundred and sixty-nine dollars; extension of railroad track to store numbered two, three thousand two hundred and fifty dollars; roundhouse for yard locomotive and wrecking car, four thousand five hundred dollars; extension of electric-light plant, five thousand dollars; hydrants to conform to city standard, one thousand five hundred and sixty dollars; new iron roof for foundry, thirty-three thousand dollars; in all, fifty-one thousand eight hundred and seventy-nine dollars.

Norfolk.

NAVY-YARD, NORFOLK, VIRGINIA: For extension of quay wall, twenty thousand dollars; sand lighter, two thousand dollars; derrick car, one thousand dollars; repairs to granite dock, fifteen thousand dollars; one deck scow, two thousand dollars; dredging in front of the navy-yard dock, six thousand and twelve dollars; the Secretary of the Navy is hereby authorized to exchange such of the land at the navy-yard, Norfolk, Virginia, being a part of a tract known as Saint Helena, (on the east side of the Elizabeth River) which the Government does not need, for a part of the adjoining tract, known as "Cedar Grove," and now belonging to private parties, upon such terms as may be determined upon by a board of officers, accepted by the present owners of Cedar Grove, and approved by them, as may in his opinion serve the best interests of the Government; in all, forty-six thousand and twelve dollars.

Port Royal.

NAVAL STATION, PORT ROYAL, SOUTH CAROLINA: For roadways, five thousand five hundred and seventy-two dollars; grading and drainage, six thousand dollars; extension of hydrant system, one thousand three hundred and eighty-five dollars; boundary fence, one thousand two hundred dollars; construction and repair shop, sixty thousand dollars; storage cisterns, three thousand seven hundred and fifty-eight dollars; in all, seventy-seven thousand nine hundred and fifteen dollars.

Mare Island.

NAVY-YARD, MARE ISLAND, CALIFORNIA: For the construction of a steam tug at Mare Island Navy-yard, California, for the use of said yard, in addition to the sum of fifty thousand dollars authorized by the Act of July twenty-sixth, eighteen hundred and ninety-four, thirty thousand dollars;

Extension of quay wall toward coal shed (estimated cost, eighty-eight thousand three hundred and six dollars), ten thousand dollars; enlarging entrance to stone dry dock, twenty thousand seven hundred and thirty-six

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dollars; new caisson for stone dry dock, fifty-three thousand dollars; dredging, ten thousand dollars; three steam capstans for dry dock, five thousand nine hundred and seventy-one dollars, to be immediately available; railroad scales, one thousand six hundred and forty dollars; improvement of coppersmith shop, steam engineering, four thousand five hundred and twenty-seven dollars; yard roads, five thousand dollars; in all, one hundred and ten thousand eight hundred and seventy-four dollars.

Dry dock, Puget sound.

DRY DOCK, PUGET SOUND NAVAL STATION, WASHINGTON: For continuation of dry dock, dredging, office building, and officers' quarters, to be made immediately available, two hundred and sixty thousand dollars; in all, two hundred and sixty thousand dollars.

Key West.

NAVAL STATION, KEY WEST, FLORIDA: For purchase of additional lot for coal shed (twenty thousand dollars, or so much as may be necessary), twenty thousand dollars; coaling pier, forty thousand dollars; in all, sixty thousand dollars.

Naval Academy, water front at.

FOR BUILDINGS AND GROUNDS, NAVAL ACADEMY: For continuing the grading and improvement of the property condemned under Act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety, and the adjacent ground, and for the improvement of the water front of the Academy, to be immediately available, ten thousand dollars.

Naval Observatory.

FOR GROUNDS AND ROADS: For continuing grading, extending roads and paths, clearing and improving grounds of New Naval Observatory, and filling ravine contiguous to boiler house to Massachusetts avenue extended, twelve thousand dollars;

NEW BUILDINGS: For quarters for observers, two buildings, at five thousand dollars each, ten thousand dollars;

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BUREAU OF MEDICINE AND SURGERY.

* * * * *

Burial of apprentice.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: * * * For "the expense of disinterring, transportation, and burial at his late home in Cherokee, Iowa, of the remains of W. A. Lathrop, an apprentice, who died in the service of the United States steamer Concord, at Wuhu, China; * * *."

Ambulances.

AMBULANCES FOR NAVAL HOSPITAL: For supplying three naval hospitals with ambulances of modern construction to replace vehicles condemned as useless, one thousand eight hundred dollars.

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BUREAU OF STEAM ENGINEERING.

* * * * *

Chicago.

For "steam machinery (special): To continue work on new machinery to replace present engines, boilers, and so

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forth, of United States steamship Chicago, two hundred thousand dollars."

* * * * *

NAVAL ACADEMY.

* * * * *

Cadets, court-martial of.

That the Secretary of the Navy shall have power to convene general courts-martial for the trial of naval cadets, subject to the same limitations and conditions now existing as to other general courts-martial, and to approve the proceedings and execute the sentences of such courts, except the sentences of suspension and dismissal, which, after having been approved by the Superintendent, shall not be carried into effect until confirmed by the President: *Provided*, That every Representative or Delegate in Congress whose district or Territory is not now represented at the Naval Academy for any cause by a cadet shall be permitted and authorized to recommend a candidate for appointment as a cadet at the Naval Academy of the United States, said recommendation to be made on or before the fourth day of March, eighteen hundred and ninety-five, subject to the qualifications now prescribed by law. Nothing herein contained shall be construed to increase the number of cadets at said Naval Academy as now provided by law.

Appointment of.

* * * * *

INCREASE OF THE NAVY.

Two battleships.

That for the purpose of further increasing the naval establishment of the United States the President is hereby authorized to have constructed by contract two seagoing coast-line battle ships designed to carry the heaviest armor and most powerful ordnance upon a displacement of about ten thousand tons, to have the highest practicable speed for vessels of their class, and to cost, exclusive of armament, not exceeding four million dollars each; and six light-draft composite gunboats of about one thousand tons displacement, to be fixed by the Secretary of the Navy, and no one of which shall cost more than two hundred and thirty thousand dollars, or in all for said six gunboats, one million three hundred and eighty thousand dollars, exclusive of armament, and not more than two of said gunboats shall be built in one yard, or by one contracting party, and in each case the contract shall be awarded by the Secretary of the Navy to the lowest best responsible bidder; and three torpedo boats, at a cost of not exceeding one hundred and seventy-five thousand dollars each; and, subject to the provisions hereinafter made, one seagoing battle ship and one of said torpedo boats shall be built on or near the coast of the Pacific Ocean,

Six gunboats.

Three torpedo boats.

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or in the waters connecting therewith, and one torpedo boat on the Mississippi River, and one torpedo boat on the coast of the Gulf of Mexico; and in the construction of all said vessels all of the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the naval establishment," as to materials for said vessels, their engines, boilers, and machinery, the contracts under which they are built, except as to premiums, which are not to be offered, the notice of any proposals for the same, the plans, drawings, and specifications therefor, and the method of executing said contracts, shall be observed and followed, and said vessels shall be built in compliance with the terms of said act, save that in all their parts said vessels shall be of domestic manufacture: *Provided*, That if it shall appear to the satisfaction of the President of the United States, from the biddings for the contracts for either of said torpedo boats, and for one of the foregoing battle ships to be built on the Pacific Coast, when the same shall be opened and examined by him, that the said torpedo boats or battle ships can not be constructed at a fair cost at the places fixed in the proposals and biddings, he may authorize the construction of said torpedo boats, or any of them, or the battle ship the biddings for which provide for building upon the Pacific Coast, elsewhere in the United States, subject to the limitations as to cost hereinbefore provided; and any of the ships, gunboats, and torpedo boats provided for in this act may be constructed of steel or other metal, or of alloy, except where it is otherwise provided in this act, and one of said batttle ships shall be named Kearsarge.

Battle ship to be named Kearsarge.

Armor and armament.

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for the vessels authorized by the act of August third, eighteen hundred and eighty-six; of the vessels authorized by the act approved March second, eighteen hundred and eighty-nine; of those authorized by the act of June thirtieth, eighteen hundred and ninety; of the one authorized by the act of March second, eighteen hundred and ninety-one; of those authorized by the act of July nineteenth, eighteen hundred and ninety-two; and of the vessels authorized by the act of March third, eighteen hundred and ninety-three; and of the three torpedo boats, act of July twenty-sixth, eighteen hundred and ninety-four, and of the vessels authorized under this act, four million eight hundred and thirty-seven thousand six hundred and seventy dollars, of which sum two million dollars is to be made immediately available.

Construction and machinery.

CONSTRUCTION AND STEAM MACHINERY: On account of the hulls and outfits of vessels and steam machinery of vessels heretofore and herein authorized, eight million three hundred and forty-two thousand four hundred and

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twenty-two dollars, of which sum two million dollars is to be made immediately available.

Vessels authorized, completion of.

EQUIPMENT: Toward the completion of the equipment outfit of the new vessels heretofore authorized by Congress, one hundred and twenty-five thousand dollars. To pay the contractors for the construction of the machinery of the United States steamship Maine for earned premium over and above the contract horse power, twenty-two thousand four hundred and twenty-nine dollars and thirty cents, this amount being due under contract of April third, eighteen hundred and eighty-nine, and authorized by act of Congress August third, eighteen hundred and eighty-six.

Penalties remitted on Concord and Bennington.

That the Secretary of the Navy is hereby authorized and required to remit to N. F. Palmer, junior, and Company, of New York City, the time penalties exacted by the Navy Department under the contracts with said company for the construction of gunboat numbered three, known as the Concord, and gunboat numbered four, known as the Bennington, the United States having suffered no damage by the delay in the construction of the said gunboats.

Richmond Locomotive & Machine Works, claim of.

The Secretary of the Navy is hereby authorized and directed to audit and adjust the claim of Richmond Locomotive and Machine Works, of Richmond, Virginia, against the Government of the United States, for damages and losses sustained by the said Richmond Locomotive and Machine Works in the execution of the contract to construct and deliver the machinery required for the United States battle ship Texas, caused by the delays of the Government of the United States in the construction of the hull of said battle ship Texas, and to report to Congress at its next session what amount may be due to said Richmond Locomotive and Machine Works.

Penalties remitted on Yorktown, Baltimore, Philadelphia, and Newark.

The Secretary of the Navy is hereby authorized and required to remit the time penalties on the Yorktown, Baltimore, Philadelphia, and Newark, and forty thousand three hundred and fifty dollars is hereby appropriated for this purpose.

De Soto and Bienville, purchase of.

To pay to the parties who may be found entitled to receive the same any balance that may be due and unpaid on account of the purchase money of the steamers De Soto and Bienville, purchased by the United States from the New York and New Orleans Steamship Company, by authority of an Act of Congress approved July eighteenth, eighteen hundred and sixty-one, forty-one thousand seven hundred and one dollars and ninety-five cents.

COLUMBIAN MUSEUM, CHICAGO, ILLINOIS.

Caravals, transfer of.

That the Secretary of the Navy be, and he hereby is, authorized to transfer to the trustees of the Columbian Museum of Chicago the reproductions of the caravals

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of Columbus, the Santa Maria, Nina, and Pinta, which were exhibited at the World's Columbian Exposition.

Regulation of steam vessels.

An Act entitled "An Act to amend 'An Act to amend section forty-four hundred of title fifty-two of the Revised Statutes of the United States, concerning the regulation of steam vessels,' approved August seventh, eighteen hundred and eighty-two; and also to amend section forty-four hundred and fourteen, title fifty-two, of the Revised Statutes, 'Regulation of steam vessels,'" approved March first, eighteen hundred and ninety-five, is hereby amended by striking therefrom the words "Jacksonville, Florida; Bangor, Maine; and New Haven, Connecticut;" where said words occur in the ninth paragraph of the second section thereof, following the word "Illinois" and inserting the same in the second paragraph of section two of said act after the word "Illinois."

Approved, March 2, 1895.

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FIFTY-FOURTH CONGRESS, FIRST SESSION—JUNE 10, 1896.

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety-seven, and for other purposes.

[Provision is made for the Naval Establishment, and under the headings—]

PAY OF THE NAVY.

Allotments of pay.

It is "*Provided*, That the Secretary of the Navy be, and he is hereby, authorized to permit officers of the Navy and the Marine Corps to make allotments from their pay, under such regulations as he may prescribe, for the support of their families or relatives, for their own savings, or for other proper purposes, during such time as they may be absent at sea, on distant duty, or under other circumstances warranting such action: *Provided further*, That all officers who have been or may be appointed to any corps of the Navy or to the Marine Corps after service in a different corps of the Navy or of the Marine Corps shall have all the benefits of their previous service in the same manner as if said appointments were a reentry into the Navy or into the Marine Corps: *Provided further*, That such surgeons in the Navy not in line of promotion as may have been appointed to that position in accordance with a special act of Congress for meritorious services during yellow fever epidemics shall have all the benefits of their previous service in the same manner as if said appointments were a reentry into the Navy: *And provided further*, That hereafter no payment shall be made from appropriations made by Congress to any officer in the Navy or Marine Corps on the active or retired list while such officer is employed, after June thirtieth, eighteen hundred and ninety-seven, by any person or company furnishing naval supplies or war material to the Government; and such employment is hereby made unlawful after said date."

Benefits of previous service.

Outside employment of officers.

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BUREAU OF NAVIGATION.

* * * * *

Coasters Island.

NAVAL TRAINING STATION, COASTERS HARBOR ISLAND, RHODE ISLAND (FOR APPRENTICES): * * *;

For "purchase of fresh water * * *; and installing water supply from city waterworks, * * *.

"NAVAL WAR COLLEGE AND TORPEDO SCHOOL ON COASTERS HARBOR ISLAND, RHODE ISLAND: * * *.

"For the proper preservation, cementing, and reenforcing cellar walls; repairing window casings, floors,

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and door casings; a water tank in attic for use in case of fire, and a rain-water cistern and pumps, * * *."

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: * * *.

For "maintenance of new proving ground, * * *."

Reserve supply of guns for ships of the Navy.

For "reserve supply of projectiles for ships of the Navy, * * *;

"Additional supply of torpedoes, * * *;

"For testing methods of throwing high explosives from guns on board ship with the ordinary velocities, * * *.

Guns for auxiliary cruisers.

"RESERVE GUNS FOR AUXILIARY CRUISERS: Toward the armament of modern guns for auxiliary cruisers mentioned in the act approved March third, eighteen hundred and ninety-one, and in section four of the act approved May tenth, eighteen hundred and ninety-two, four hundred thousand dollars: *Provided*, That the Secretary of the Navy may, in his discretion, purchase by contract all or any part of such guns.

Gun factory.

"GUN PLANT, NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: For cupolas and blowers, traveling crane and runways, swing cranes, blower engines, and iron elevators, and for installing and connecting the same in the brass and iron foundry, fifty thousand dollars.

Naval magazines, Fort Mifflin, Dover.

"NAVAL MAGAZINE, FORT MIFFLIN, PENNSYLVANIA: For construction of new brick or stone buildings in place of the present wooden ones, fifty thousand dollars.

"NAVAL MAGAZINE, DOVER, NEW JERSEY: For introduction of water supply for the new naval magazine at Dover, New Jersey, fifteen thousand dollars, which sum shall be immediately available.

Newport.

"TORPEDO STATION, NEWPORT, RHODE ISLAND: * * *."

For "extending sea wall, * * *.

Naval Militia, clerk to.

"ARMING AND EQUIPPING NAVAL MILITIA: * * *." *Provided*, "The Secretary of the Navy shall detail a clerk of class one to perform clerical services in the Navy Department necessary to carry on the work incident to this appropriation."

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BUREAU OF YARDS AND DOCKS.

* * * * *

PUBLIC WORKS—BUREAU OF YARDS AND DOCKS, NAVY-YARDS AND STATIONS, NAVAL ACADEMY, AND NEW NAVAL OBSERVATORY.

Boston.

NAVY-YARD, BOSTON, MASSACHUSETTS: For cart shed (alteration of building numbered fifty-six), four thousand five hundred dollars.

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Two boilers for electric-light plant, four thousand five hundred dollars; in all, nine thousand dollars.

NAVY-YARD, BROOKLYN, NEW YORK: For wing and quay walls of dry dock numbered three, to be immediately available, sixty thousand dollars; grading, paving, sidewalks, and sewers, ten thousand dollars; quay wall for coal dock, forty thousand dollars; quay wall, Whitney Basin, twenty-five thousand dollars; in all, one hundred and thirty-five thousand dollars. Brooklyn.

NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: For dredging and filling in, thirty thousand dollars; water-closets for yard, five thousand five hundred and eighty dollars; lightning rods and sidewalks, two thousand dollars; in all, thirty-seven thousand five hundred and eighty dollars. League Island.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: For roof trusses and roof for entire quadrangle building, fifty-nine thousand four hundred and eleven dollars and seventy-seven cents; alterations of north end of west side quadrangle building, to be made immediately available, fifteen thousand six hundred and fifty-seven dollars and forty-four cents; building sentry boxes at east gate and south end, one hundred dollars; building for paint shop and inflammable material, two thousand five hundred dollars; in all, seventy-seven thousand six hundred and sixty-nine dollars and twenty-one cents. Washington.

NAVY-YARD, NORFOLK, VIRGINIA: For extension of quay wall (continuation of), fifteen thousand dollars; boiler for electric plant (including shed and connections), nine thousand dollars; quay wall north end of timber basin, twenty thousand dollars; in all, forty-four thousand dollars. Norfolk.

NAVAL STATION, PORT ROYAL, SOUTH CAROLINA: For chemical fire engine, six hundred and fifty dollars; lightning conductors, five hundred and thirty-two dollars; artesian well, fifteen thousand dollars; dredging channel opposite station, one hundred and fifty thousand dollars; steel tower and tank, four thousand dollars; storehouse, ten thousand dollars; purchase of land adjoining the naval station, five thousand dollars; in all, one hundred and eighty-five thousand one hundred and eighty-two dollars. Port Royal.

NAVAL STATION, KEY WEST, FLORIDA: For sea wall, three thousand four hundred dollars; dredging, three thousand dollars; in all, six thousand four hundred dollars. Key West.

NAVY-YARD, MARE ISLAND, CALIFORNIA: For extension of quay wall, thirty thousand dollars; guard chains about stone dry dock, one thousand four hundred and seventy dollars and fifty-seven cents; grading and paving, ten thousand dollars; removing board sidewalks and extending roads, fifteen thousand six hundred and eighty-five dollars; ship fitters' shed, thirty thousand dollars; storage shed for construction and repair, ten thousand one Mare Island.

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hundred and thirty-nine dollars; in all, ninety-seven thousand two hundred and ninety-four dollars and fifty-seven cents.

Dry dock, Puget Sound.

DRY DOCK, PUGET SOUND NAVAL STATION, WASHINGTON: For construction and repair shops at dry dock, sixty thousand dollars; storehouse, twenty thousand dollars; two steel tanks, eleven thousand nine hundred and eighty dollars; water main, and purchase of land adjoining station containing a spring for water supply, four thousand dollars; clearing the grounds about the station, five thousand two hundred and fifty dollars; in all, one hundred and one thousand two hundred and thirty dollars.

Naval Academy.

FOR BUILDINGS AND GROUNDS, NAVAL ACADEMY: For two double houses for quarters for four officers and instructors, thirty thousand dollars, to be immediately available; two water-closets for cadet quarters, at two thousand five hundred dollars each, five thousand dollars, to be immediately available; in all, thirty-five thousand dollars.

Annapolis streets, paving of.

To pave Hanover street from Maryland avenue to Wagner street, Wagner street from Hanover street to King George street, and King George street from College avenue to College or Graveyard Creek, in the city of Annapolis, Maryland, eight thousand dollars, in addition to the sum of thirteen thousand dollars made by the naval appropriation act approved July twenty-sixth, eighteen hundred and ninety-four, which is hereby continued available for the same purpose.

That the Board of Visitors of the Naval Academy, when visiting said Academy in eighteen hundred and ninety-six, shall fully examine into and report to the Secretary of the Navy and to Congress, the availability and desirability of acquiring as an annex to the grounds of said Academy, so much of the property adjoining thereto in the city of Annapolis, as is situate between the north side of Hanover street, the east side of Governor street, the north side of King George street, and the west side of Holland street, and the probable cost thereof by purchase or by condemnation for public use.

Naval Observatory.

FOR GROUNDS AND ROADS: For continuing grading, extending roads and paths, clearing and improving grounds of new Naval Observatory, ten thousand dollars.

New buildings: For increase of appropriation (act of March second, eighteen hundred and ninety-five) "for quarters for observers, two buildings, at five thousand dollars each, ten thousand dollars," two thousand five hundred dollars.

Repairs to main building, one thousand eight hundred dollars, to be immediately available; in all, fourteen thousand three hundred dollars.

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BUREAU OF MEDICINE AND SURGERY.

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NAVAL HOSPITAL FUND: * * *.

That brick material be allowed for construction of ward at naval hospital, Brooklyn, New York, authorized by act approved July twenty-sixth, eighteen hundred and ninety-four. Naval hospital, Brooklyn.

For construction of a similar additional ward to increase needed capacity of hospital, twenty-five thousand dollars, which sum shall be paid from that portion of the naval hospital fund accruing from the sale of naval hospital grounds to the city of Brooklyn, and placed to the credit of the naval hospital fund in pursuance of the provisions of the act approved July second, eighteen hundred and ninety.

* * * * *

AMBULANCES FOR NAVAL HOSPITALS: For supplying two naval hospitals with ambulances of modern construction to replace vehicles condemned as useless, one thousand two hundred dollars. Ambulances.

NAVAL CEMETERY, NAVY-YARD, MARE ISLAND, CALIFORNIA: Labor and material for widening of approaches, and repairing and painting all gates and fences; for making graveled roads and paths; building a wall at the foot of the upper terrace, properly grading the whole area, and planting appropriate shrubbery, one thousand dollars.

BUREAU OF SUPPLIES AND ACCOUNTS.

* * * * *

And the Secretary of the Navy is hereby authorized and directed to cause advertisement to be made for tobacco for the use of the Navy, as the needs of the service may require, in the manner prescribed by law for other supplies. Bidders shall submit with their proposals a sample of the tobacco which they propose to furnish, and the contract shall, in the discretion of the Department, be awarded to the bidder whose sample is found by a board of officers to be best adapted for use in the Navy. Tobacco, purchase of.

And the Secretary of the Treasury is hereby authorized and directed to cause the general account of advance to be charged with the sum of three hundred thousand dollars in addition to the sum of two hundred thousand dollars provided in the Act approved March third, eighteen hundred and ninety-three, making in all, five hundred thousand dollars, which amount shall be carried to the credit of the permanent naval supply fund, to be used under the direction of the Secretary of the Navy in the purchase of ordinary commercial supplies for the naval Naval Supply Fund increased.

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service, and to be reimbursed from the proper naval appropriations, whenever the supplies purchased under said funds are issued for use.

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BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: * * *.

Repair of vessels.

For repairs and other work urgently required on the Miantonomah, Bennington, Baltimore, Petrel, Mohican, Ranger, Atlanta, Vesuvius; tugs Fortune and Standish; to strip the Pensacola and Swatara, ordered to be sold; for boats and steam cutters, docking and painting ships, supplies needed for navy-yards, stores and supplies for ships fitting out and in commission, and miscellaneous work authorized on vessels but deferred for lack of funds, three hundred and fifty thousand dollars additional, to be immediately available: *Provided*, That no part of this sum shall be applied to the repair of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed ten per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material.

Repairs to United States steamship Hartford: Repairs to the United States steamship Hartford, one hundred thousand dollars.

Steam tug, navy-yard, League Island, Pennsylvania: Completion of steam tug numbered five, for navy-yard, League Island, Pennsylvania, eight thousand dollars, to be immediately available.

Repairs to the United States steamship Chicago, two hundred and fifty thousand dollars.

Model tank, Washington yard.

For making plans, examining and preparing the ground, and other preliminary work toward the construction of a model tank, with all buildings and appliances, to be built upon the grounds of the navy yard at Washington, District of Columbia, under the Bureau of Construction and Repair of the Navy Department, which shall conduct therein the work of investigating and determining the most suitable and desirable shapes and forms to be adopted for United States naval vessels, seven thousand five hundred dollars: *Provided*, That upon the authorization of the Secretary of the Navy experiments may be made at this establishment for private shipbuilders, who shall defray the cost of material and of labor of per diem employees for such experiments: *And provided further*, That the results of such private experiments shall be regarded as confidential and shall not be divulged without the consent of the shipbuilder for whom they may be made.

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BUREAU OF STEAM ENGINEERING.

* * * * *

For new iron boiler tubes for the New York, Columbia, and Minneapolis; Boiler tubes.

* * * * *

STEAM MACHINERY (SPECIAL): To continue work on new machinery to replace present engines, boilers, and so forth, of United States steamship Chicago, one hundred and fifty thousand dollars; Chicago.

To replace present boilers of United States steamship Atlanta with new boilers, and for repairs to engines and machinery, one hundred thousand dollars, to be made immediately available; Atlanta.

To replace present boilers of United States steamship Dolphin with new boilers, sixty thousand dollars, to be made immediately available; Dolphin.

To commence new machinery to replace present engines, boilers, and so forth, of United States steamship Hartford, seventy-five thousand dollars; Hartford.

To complete new machinery for steam tug for League Island Navy-Yard, eight thousand dollars;

The Secretary of the Navy is hereby authorized to transfer to the Enterprise one of the two boilers of the Galena, now at the navy-yard at Portsmouth, New Hampshire: *Provided*, That all expenses incurred in the installation of such boiler in the Enterprise shall be borne by the State of Massachusetts; Enterprise.

* * * * *

The Secretary of the Navy is hereby authorized and directed to examine claims against the Government which may be presented to him by contractors for the building of the hulls or machinery of naval vessels under contracts completed since January first, eighteen hundred and ninety-one, where it is alleged that such contractors have been subjected to loss and damage through delays in the work under said contracts which were not the fault of said contractors, but were due to the action of the Government, and to report to the next session of Congress the result of said investigation, and whether said claims are, in his opinion, subjects for the jurisdiction of the Court of Claims or for the action of Congress upon the same. Shipbuilders' claims to be examined.

NAVAL ACADEMY.

* * * * *

REPAIRS AND IMPROVEMENTS, NAVAL ACADEMY: * * *.

Provides for "continuing the grading and improvement of the property condemned under act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety, and the adjacent ground, and for the improvement of the water Annapolis, water-front improvements.

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front of the Academy, to be immediately available, fifteen thousand dollars; necessary dredging along the river front of Naval Academy, to be immediately available, five thousand dollars; constructing main sewer and connections, fifteen thousand dollars; * * *."

Portrait of superintendent.

CONTINGENT, NAVAL ACADEMY: * * * For "one portrait of the fourteenth superintendent of the Naval Academy, one hundred dollars; one steam fire engine to replace one condemned by survey, four thousand dollars; for contingencies for the Superintendent of the Academy, one thousand dollars; * * *."

MARINE CORPS.

PAY, MARINE CORPS: * * *.

Additions to Marine Corps.

Pay of ten sergeants, forty corporals, twelve drummers, twelve fifers, and four hundred and twenty-six privates, to be enlisted in accordance with the provisions of section fifteen hundred and ninety-six, Revised Statutes, seventy-four thousand five hundred and sixty dollars, to be immediately available.

* * * * *

Provisions.

PROVISIONS, MARINE CORPS: * * *.

For five hundred noncommissioned officers, musicians, and privates, to be enlisted in accordance with the provisions of section fifteen hundred and ninety-six, Revised Statutes, thirty thousand six hundred and forty-two dollars and seventy-five cents, to be immediately available.

Clothing.

CLOTHING, MARINE CORPS: * * *.

For five hundred noncommissioned officers, musicians, and privates, to be enlisted in accordance with the provisions of section fifteen hundred and ninety-six, Revised Statutes, seventeen thousand two hundred and fifty-five dollars, to be immediately available.

* * * * *

Transportation.

TRANSPORTATION AND RECRUITING, MARINE CORPS: * * * "*Provided*, That the provisions of the clause contained in the act of Congress approved March third, eighteen hundred and seventy-nine, authorizing the Secretary of the Treasury to make such entries upon the books of the Department as will carry to the credit of certain railroad companies named in said act amounts earned or to be earned by them during each fiscal year on account of transportation of the Army and transportation of the mails be, and the same are hereby, extended and made applicable to the transportation of the Navy and the Marine Corps."

FOR REPAIRS OF BARRACKS: * * *.

For alterations and repair of marine barrack and other public buildings, relaying walks and gas and water pipes at navy-yard, Mare Island, California, four thousand dollars.

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For the erection of officers' quarters at Sitka, Alaska, two thousand five hundred dollars; for the erection of officers' quarters at Newport, Rhode Island, five thousand dollars; * * *. Officers' quarters.

HIRE OF QUARTERS, MARINE CORPS: Provides for quarters "for the leader of the Marine Band, * * *."

CONTINGENT, MARINE CORPS: * * *.

For iron bedsteads, mattresses, mattress covers, pillows, clothing boxes, and other articles, for five hundred non-commissioned officers, musicians, and privates, to be enlisted in accordance with the provisions of section fifteen hundred and ninety-six, Revised Statutes, three thousand dollars, to be immediately available. Supplies.

INCREASE OF THE NAVY.

That for the purpose of further increasing the naval establishment of the United States the President is hereby authorized to have constructed by contract three seagoing coast-line battle ships designed to carry the heaviest armor and most powerful ordnance upon a displacement of about eleven thousand tons, to have the highest practicable speed for vessels of their class, and to cost, exclusive of armament, not exceeding three million seven hundred and fifty thousand dollars each; and three torpedo boats, to have a maximum speed of not less than thirty knots, to cost in all not exceeding eight hundred thousand dollars; and not to exceed ten torpedo boats to cost in all not exceeding five hundred thousand dollars, and to have the highest practicable speed for vessels of their class; and not more than two of said battle ships and not more than three of said torpedo boats shall be built in one yard or by one contracting party, and in each case the contract shall be awarded by the Secretary of the Navy to the lowest best responsible bidder; and in the construction of all said vessels all of the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the naval establishment," as to materials for said vessels, their engines, boilers, and machinery, the contracts under which they are built, except as to premiums, which are not to be offered, the notice of any proposals for the same, the plans, drawings, and specifications therefor, and the method of executing said contracts, shall be observed and followed, and said vessels shall be built in compliance with the terms of said act, save that in all their parts said vessels shall be of domestic manufacture; and, subject to the provisions hereinafter made, one and not more than one seagoing battle ship and three of said torpedo boats shall be built on or near the coast of the Pacific Ocean or in the waters connecting therewith, provided that said battle ship or torpedo boats can be constructed at an additional cost not

Three battleships.

Three torpedo boats.

Not more than ten torpedo boats.

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exceeding four per centum of the lowest accepted bid for the other battle ships or torpedo boats provided for in this act, and one torpedo boat on the Mississippi River, one torpedo boat on the coast of the Gulf of Mexico, and one torpedo boat on the Missouri River: *Provided*, That if it shall appear to the satisfaction of the President of the United States, from the biddings for such contracts when the same are opened and examined by him, that said vessels can not be constructed at a fair cost on or near the coast of the Pacific Ocean, on the Mississippi or Missouri River or the Gulf of Mexico, he shall authorize the construction of said vessels, or either of them, elsewhere in the United States, subject to the limitations as to cost hereinbefore provided: *Provided further*, That the contracts for the construction of the vessels herein provided for shall be made within one hundred and twenty days from the passage of this act: *And provided further*, That the Secretary of the Navy is hereby directed to examine into the actual cost of armor plate and the price of the same which should be equitably paid and shall report the result of his investigation to Congress at its next session at a date not later than January first, eighteen hundred and ninety-seven, and no contract for armor plate for the vessels authorized by this act shall be made till after such report is made to Congress for its action.

Armor plate, investigation into cost of.

Two Holland submarines.

The Secretary of the Navy is hereby authorized to contract for the building of two submarine torpedo boats of the Holland type, at a cost not exceeding one hundred and seventy-five thousand dollars each; said boats to be constructed and delivered to the Navy Department within four months from the date of contract: *Provided*, That the Holland boat now being built for the Department shall be accepted by the Department as fulfilling all the requirements of the contract, and as being satisfactory to the Secretary of the Navy; but no action shall be taken therein until said Holland boat now being built for the Department shall have been fully tested to the satisfaction of the Secretary of the Navy, and thereupon accepted.

Construction and machinery.

CONSTRUCTION AND MACHINERY: On account of the hulls and outfits of vessels and steam machinery of vessels heretofore authorized, and of the vessels authorized under this act, six million eight hundred and seventy thousand six hundred dollars.

Armor and armament.

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for the vessels authorized by the act of August third, eighteen hundred and eighty-six; of those authorized by the act of June thirtieth, eighteen hundred and ninety; of those authorized by the act of July nineteenth, eighteen hundred and ninety-two; and of the vessels authorized by the act of

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March third, eighteen hundred and ninety-three; of the three torpedo boats, act of July twenty-sixth, eighteen hundred and ninety-four; of the vessels authorized under the act of March second, eighteen hundred and ninety-five, and of the vessels authorized under this act, four million three hundred and seventy-one thousand four hundred and fifty-four dollars.

Equipment.

EQUIPMENT: Toward the completion of the equipment outfit of the new vessels heretofore authorized by Congress, two hundred and thirty-seven thousand dollars.

Propulsion of vessels, investigation into.

SEC. 2. That the Secretary of the Navy is hereby directed to examine, through a board composed of line and staff officers, into the merits of any system presented for the propulsion of vessels by direct action against the water without the use of screws, in comparison with the steam engine and the propeller, and into the relative efficiency of the two methods as to displacement, waste of fuel, liability to accidents, and speed endurance, and also into the applicability and special advantages of the direct system in connection with torpedo boats and coast-defense vessels.

Approved, June 10, 1896.

4832°—S. Doc. 428, 66-3——8

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[PUBLIC—No. 128.]

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety-eight, and for other purposes.

[Provision is made for the Naval Establishment, and under the headings—]

* * * * *

BUREAU OF NAVIGATION.

* * * * *

NAVAL WAR COLLEGE AND TORPEDO SCHOOL, COASTERS HARBOR ISLAND, RHODE ISLAND: * * *. War college.

A provision "to complete installation of standpipes for fire hose and connections; complete window-casing repairs; rain-water cisterns, pumps, and tanks; leveling grounds about college, sodding, * * *."

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: * * *.

The Secretary of the Navy is hereby authorized and required to pay to the patentee the twenty-five thousand dollars appropriated in the "Act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety-six, and for other purposes," approved March second, eighteen hundred and ninety-five, said act providing "for the exclusive rights to and for ordnance appliances now in use on naval vessels and protected and covered by patent numbered five hundred and thirty-three thousand one hundred and seventy-one, said patent being embraced in a contract dated January twenty-eighth, eighteen hundred and ninety-three, and signed by the Secretary of the Navy and the patentee." Patents for ordnance appliances, pay for.

Modern battery for the Hartford, one hundred and fifty thousand dollars. Hartford, modern battery for.

Reserve supply of ammunition, five hundred thousand dollars. Reserve ammunition.

* * * * *

TORPEDO STATION, NEWPORT, RHODE ISLAND: * * *. Newport.

For "enlarging boiler house, and two new boilers, * * *."

BUREAU OF EQUIPMENT.

* * * * *

FLAGS OF MARITIME NATIONS: The Secretary of the Navy is authorized to contract at once with a lithographic or color printing establishment having ample facilities Flags of maritime nations.

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for the suitable and satisfactory execution thereof for the printing of a new edition, to consist of five thousand copies, of the book of "Flags of Maritime Nations," of which number one thousand copies shall be for use of the Navy Department and three hundred copies for the use of the Revenue-Cutter Service; and the remaining copies shall be delivered to the superintendent of public documents for distribution to the Senate and House of Representatives, one thousand two hundred copies to the Senate and two thousand five hundred copies to the House of Representatives.

BUREAU OF YARDS AND DOCKS.

Michigan, wharf, etc., for.

MAINTENANCE OF YARDS AND DOCKS: * * *. For "rent of wharf and storehouse at Erie, Pennsylvania, for use and accommodation of United States steamer Michigan, * * *."

PUBLIC WORKS—BUREAU OF YARDS AND DOCKS, NAVY YARDS AND STATIONS, NAVAL ACADEMY, AND NEW NAVAL OBSERVATORY.

Boston.

NAVY-YARD, BOSTON, MASSACHUSETTS: For swinging gates for dry dock, ten thousand dollars; additional culverts in caisson for filling dry dock, four thousand five hundred dollars; in all, fourteen thousand five hundred dollars.

Brooklyn.

NAVY-YARD, BROOKLYN, NEW YORK: For quay wall, Whitney Basin, eighteen thousand dollars; dredging Wallabout Channel, thirty thousand dollars; quay wall, Wallabout Channel, ten thousand dollars; coal shed for dry dock, five thousand dollars; grading and sewering between dry dock and Clinton avenue, ten thousand dollars; grading and paving streets, five thousand dollars; latrines, eighteen thousand dollars; addition to electric plant, twelve thousand dollars; flushing-culverts in causeway (to be immediately available), twenty-five thousand dollars: *Provided*, That the Secretary of the Navy, after further investigation, shall be satisfied that the proposed plan for improving the sanitary conditions will be practicable and expedient; in all, one hundred and thirty-three thousand dollars.

League Island.

NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: For new coping for dry dock, sixty-four thousand dollars; causeway across back channel (west wall), twenty thousand five hundred and forty-seven dollars; dredging fresh-water basin and filling in, one hundred thousand dollars; new boiler house for steam engineering, three thousand seven hundred and ninety-five dollars; wharf crane, three thousand dollars; weighing scales, one thousand eight hundred and eighty dollars; in all, one hundred and ninety-three thousand two hundred and twenty-two dollars.

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NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: For dredging in front of sea wall, three thousand eight hundred and sixty-one dollars; new scale house, one thousand two hundred and seventy-one dollars and eighty-two cents; in all, five thousand one hundred and thirty-two dollars and eighty-two cents. Washington.

NAVY-YARD, NORFOLK, VIRGINIA: For continuing extension of quay wall north of timber basin, ten thousand dollars; completing quay wall from timber basin to marine railway, ten thousand dollars; paving, grading, and sewers, five thousand dollars; piping and engine for fire service, fifteen thousand dollars; renewing deteriorated parts of wooden dry dock numbered two, twenty thousand dollars; dredging, thirty-five thousand dollars; rebuilding blacksmith shop, thirty-five thousand dollars; in all, one hundred and thirty thousand dollars. Norfolk.

NAVAL STATION, PORT ROYAL, SOUTH CAROLINA: For grading and drainage, seven thousand five hundred and seventy-nine dollars and twenty-five cents; railway track scales, five hundred dollars; storage cistern, three thousand seven hundred and fifty-seven dollars and eighty-eight cents; machinery to be placed in machine shop just completed, fifty thousand dollars; in all, sixty-one thousand eight hundred and thirty-seven dollars and thirteen cents. Port Royal.

NAVAL STATION, KEY WEST, FLORIDA: For sea wall from machine shop lot to extension of Eaton street, two thousand dollars; dredging along front of wharf and inside the L, three thousand dollars; new machine shop, thirty thousand dollars; in all, thirty-five thousand dollars. Key West.

NAVY-YARD, MARE ISLAND, CALIFORNIA: For extension of quay wall, thirty thousand dollars; grading and paving about the stone dry dock, ten thousand dollars; dredging, twenty thousand dollars; dredging a channel in Mare Island Strait to enable all classes of naval vessels to reach the navy-yard, one hundred and fifty thousand dollars; completing coppersmith's shop, steam engineering, three thousand dollars; storage shed north of building numbered fifty-five, three thousand seven hundred and eighty-five dollars; in all, two hundred and sixteen thousand seven hundred and eighty-five dollars. Mare Island.

PUGET SOUND NAVAL STATION, WASHINGTON: For continuing clearing, stumping, and grading station, ten thousand dollars; wharf, sixty thousand dollars; filling in marsh, five thousand dollars; extension of brick discharge culvert, five thousand one hundred and forty-three dollars and sixty-two cents; in all, eighty thousand one hundred and forty-three dollars and sixty-two cents. Puget Sound.

* * * * *

NAVAL ACADEMY: For buildings and grounds, Naval Academy: For extension to sick quarters for cadets rendered necessary in order that there may be an operating room, two thousand five hundred dollars. Naval Academy.

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Naval Observatory.

NEW NAVAL OBSERVATORY: For grounds and roads: For continuing grading, extending roads and paths, clearing and improving grounds of new Naval Observatory, five thousand dollars.

BUREAU OF MEDICINE AND SURGERY.

* * * * *

Hospital, Chelsea.

NAVAL HOSPITAL, CHELSEA, MASSACHUSETTS: To enable the Secretary of the Navy to cause the removal of the brick wall in front of the United States naval hospital, on Broadway, in the city of Chelsea, Massachusetts, and to substitute in place thereof an iron fence, six thousand dollars, and one thousand dollars of this amount, or so much thereof as may be necessary, shall be used to repair the sea wall on the water front of said naval hospital.

Hospital, Port Royal.

NAVAL HOSPITAL, NAVAL STATION, PORT ROYAL, SOUTH CAROLINA: For hospital at the naval station at Port Royal, South Carolina, four thousand dollars.

* * * * *

Naval cemetery, Brooklyn.

NAVAL CEMETERY AT NAVAL HOSPITAL, BROOKLYN, NEW YORK: For labor and material for widening of approaches, and repairing and painting all gates and fences; for making graveled roads and paths; building walls where necessary, properly grading the whole area, and planting appropriate shrubbery, one thousand dollars.

BUREAU OF SUPPLIES AND ACCOUNTS.

* * * * *

Naval supply fund, increase of.

NAVAL SUPPLY FUND: And the Secretary of the Treasury is hereby authorized and directed to cause the general account of advances to be charged with the sum of one million dollars, in addition to the sum of two hundred thousand dollars, provided in the Act approved March third, eighteen hundred and ninety-three, and the three hundred thousand dollars, provided in the Act approved June tenth, eighteen hundred and ninety-six, making in all one million five hundred thousand dollars, which amount shall be carried to the credit of the permanent naval supply fund, to be used under the direction of the Secretary of the Navy in the purchase of supplies for the naval service, and to be reimubrsed from the proper naval appropriations, whenever the supplies purchased under said fund are issued for use.

* * * * *

BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: * * *: "*Provided*, That the balance of the appropriation under the act of July twenty-sixth, eighteen hundred and ninety-

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four, 'for the repair of the United States ship Constitution, now lying at the Portsmouth Navy-Yard, in the State of New Hampshire, in order that it may be used as a training ship for the Naval Militia, eight thousand dollars,' or such part thereof as may be required, is hereby made immediately available for such work as may be necessary for the proper care and preservation of that historic vessel." Constitution.

Repairs to United States steamship Hartford: Completion of repairs to the United States steamship Hartford, seventy thousand dollars. Hartford.

Repairs to the United States steamship Chicago: Completion of repairs to the United States steamship Chicago, fifty thousand dollars. Chicago.

Steam tug for naval station, Port Royal, South Carolina: Construction of one steam tug for the use of the naval station, Port Royal, South Carolina, fifty thousand dollars. Tug for Port Royal.

Steam tug for naval station, Puget Sound, Washington: Construction of one steam tug for the use of the naval station, Puget Sound, Washington, fifty thousand dollars. Tug for Puget Sound.

Steel lighter for navy-yard, New York: Construction of one steel lighter for use of the Bureau of Supplies and Accounts at the navy-yard, New York, twenty thousand dollars. Steel lighter for New York.

Model tank, navy-yard, Washington, District of Columbia: Completion of the model tank, to be immediately available, ninety-two thousand five hundred dollars. Model tank, completion of.

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BUREAU OF STEAM ENGINEERING.

* * * * *

STEAM MACHINERY (SPECIAL): To complete new machinery and boilers, now building at New York Navy-Yard, for United States steamship Chicago, one hundred and seventy-five thousand dollars; Chicago.

To complete new machinery and boilers, now building at Mare Island Navy-Yard, for United States steamship Hartford, one hundred thousand dollars; Hartford.

The Secretary of the Navy is hereby authorized to transfer to the Enterprise the two boilers of the Galena, now at the navy-yard at Portsmouth, New Hampshire: *Provided*, That all expenses incurred in the installation of such boilers in the Enterprise shall be borne by the State of Massachusetts. Boilers, Enterprise.

* * * * *

IMPROVEMENT OF PLANT, NAVY-YARD, MARE ISLAND, CALIFORNIA: For modern machine tools for boiler shop and machine shop, fifty thousand dollars. Machinery plant, Mare Island.

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NAVAL ACADEMY.

Professors, pay of.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY:

* * *

It is "*Provided*, That the proper pay officer of the Navy be, and is hereby, authorized to pay the professors at the Naval Academy, whose compensation was affected by the act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety-six, approved March second, eighteen hundred and ninety-five, at the rate of compensation fixed by that act from July first, eighteen hundred and ninety-six."

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MARINE CORPS.

* * * * *

Marine barracks.

For raising the marine barracks, Boston, Massachusetts, an additional story, three thousand one hundred dollars.

For the erection of officers' quarters at the marine barracks, naval station, Port Royal, South Carolina, two thousand five hundred dollars.

For alteration and repair of marine barracks and other public buildings, relaying walks and flagging at navy-yard, Brooklyn, New York, ten thousand dollars.

For the erection of a building for marine barracks, naval station, Port Orchard, Washington, ten thousand dollars.

For quarters for officers at naval station, Port Orchard, Washington, five thousand dollars.

For stumping, grading, and grubbing for a parade ground, naval station, Port Orchard, Washington, three thousand dollars.

* * * * *

INCREASE OF THE NAVY.

Three torpedo boats.

That for the purpose of further increasing the naval establishment of the United States, the President is hereby authorized to have constructed by contract not more than three torpedo boats, to have a speed of not less than thirty knots, to cost in all not exceeding eight hundred thousand dollars. And not more than two of said torpedo boats shall be built in one yard or by one contracting party, and in each case the contract shall be awarded by the Secretary of the Navy to the lowest best responsible bidder. And in the construction of said torpedo boats all the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the naval establishment," as to materials for said vessels, their engines, boilers, and machinery, the contracts under which they are built, except as to premiums,

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which are not to be offered, the notice of proposals for the same, the plans, drawings, and specifications therefor, and the method of executing said contracts, shall be observed and followed, and said vessels shall be built in compliance with the terms of said act, and in all their parts shall be of domestic manufacture.

Construction and machinery.

CONSTRUCTION AND MACHINERY: On account of the hulls and outfits of vessels and steam machinery of vessels heretofore authorized, and authorized under this act, six million four hundred and twenty-five thousand three hundred and fifty-nine dollars.

Armor and armament.

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for the vessels authorized by the act of August third, eighteeen hundred and eighty-six; of those authorized by the act of July nineteenth, eighteen hundred and ninety-two; of the vessels authorized by the act of March third, eighteen hundred and ninety-three; of the three torpedo boats, act of July twenty-sixth, eighteen hundred and ninety-four, and the torpedo boats authorized under this act; of the vessels authorized under the act of March second, eighteeen hundred and ninety-five, of the vessels authorized by the act of June tenth, eighteen hundred and ninety-six, seven million two hundred and twenty thousand seven hundred and ninety-six dollars, to be immediately available: *Provided*, That the total cost of the armor, according to the plans and specifications already prepared, for the three battle ships authorized by the act of June tenth, eighteen hundred and ninety-six, shall not exceed two million four hundred and seven thousand five hundred dollars, exclusive of the cost of transportation, ballistic test plates, and tests, and no contract for armor plate shall be made at an average rate to exceed three hundred dollars per ton of two thousand two hundred and forty pounds: *And provided further*, That the Secretary of the Navy is authorized, in his discretion, to contract with either or all of the builders of the hulls and machinery of those vessels, or with any one or more bidders, for the furnishing of the entire amount of said armor at a cost not exceeding the aforesaid three hundred dollars per ton, if he shall deem it for the best interest of the Government.

Armor, limit of cost of.

Equipment.

EQUIPMENT: Toward the completion of the equipment outfit of the new vessels heretofore authorized by Congress, one hundred and sixty-two thousand six hundred and twenty-eight dollars, of which sum thirty thousand dollars to be immediately available.

Training vessel, Naval Academy.

TRAINING VESSEL FOR NAVAL ACADEMY: For one composite vessel, propelled by steam and sail, to be used for the training of cadets at the Naval Academy, including outfit, two hundred and fifty thousand dollars.

Approved, March 3, 1897.

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FIFTY-FIFTH CONGRESS, SECOND SESSION—MAY 4, 1898.

[PUBLIC—No. 76.]

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety-nine, and for other purposes.

[Provision is made for the Naval Establishment, and under the headings—]

PAY OF THE NAVY.

Officers from civil life, appointment of.

It is provided "Whenever, within the next twelve months, an exigency may exist which, in the judgment of the President, renders their services necessary, he is hereby authorized to appoint from civil life and commission such officers of the line and staff, not above the rank or relative rank of commander, and warrant officers including warrant machinists, and such officers of the Marine Corps not above the rank of captain, to be appointed from the non-commissioned officers of the Corps and from civil life, as may be requisite: *Provided*, That such officers shall serve only during the continuance of the exigency under which their services are required in the existing war: *And provided further*, That such officers so appointed shall be assigned to duty with rank and pay of the grades established by existing law; and warrant machinists shall be paid at the rate of one thousand two hundred dollars per annum.

Increased enlistment, authority for.

"To enable the Secretary of the Navy to enlist, at any time after the passage of this act, as many additional seamen, landsmen, and boys as he may deem necessary to man the ships of the Navy, or in use by the Navy, as a temporary force therefor during the existing war, and for pay of the same and of the temporary additional officers and warrant machinists hereinbefore authorized, eight million eight hundred and thirty thousand dollars, or so much thereof as may be necessary; and to enable the Secretary of the Navy to enlist, at any time after the passage of this act, the following additional force for the Marine Corps as a temporary force during the existing war, namely, not more than sixty gunnery sergeants with rank of first sergeants, not more than eighty corporals, and not more than one thousand five hundred privates, and for pay of the same, including the temporary additional officers hereinbefore authorized, and for provisions, clothing, fuel, military stores, transportation and recruiting, and for contingent expenses, on account of

Marine Corps, increase in.

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said additional force, five hundred and sixty-seven thousand nine hundred dollars, or so much thereof as may be necessary."

* * * * *

BUREAU OF NAVIGATION.

* * * * *

Training station. For Naval Training Station, Yerba Buena Island, California (for apprentices): "Toward the erection of buildings for the naval training station and for the construction of a wharf and bulkhead for approach to the same on Yerba Buena Island (Goat Island), California, fifty thousand dollars, said improvements to cost complete not more than one hundred thousand dollars."

* * * * *

NAVAL WAR COLLEGE AND TORPEDO SCHOOL, COASTERS HARBOR ISLAND, RHODE ISLAND: * * *

War College buildings, walls for. To continue strengthening of walls already begun and to build partition walls through building, ten thousand dollars: *Provided*, That prior to the expenditure of any part of this appropriation for the repairs stated, the Secretary of the Navy shall cause a thorough examination of the present condition of the War College building by competent professional experts in architecture and building, who shall report to him their opinion of the adequacy of the original designs and of the fulfillment of the terms of the contract, and their recommendations as to the work necessary to insure the safety and usefulness of the building; and the necessary expense of such examination shall be paid out of this appropriation;

* * * * *

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: * * *. For "watchmen at magazines; * * * for the maintenance of the proving ground, * * *.

Telephone line to Indian Head. "For repairing and improving the telephone line connecting the Navy Department and Washington Navy-Yard with the naval proving ground at Indian Head, to be immediately available, * * *."

Gun factory. Purchase and erection of new and improved machinery for the shops of the gun plant at the Washington Navy-Yard, thirty-six thousand dollars.

Shell. Capping, filling, and fusing armor-piercing shell now on hand, forty-five thousand dollars.

Guns. Conversion of ordinary six-inch guns to rapid fire, twenty-five thousand dollars.

Chicago. Modern battery for the Chicago, fifty thousand dollars.

SMOKELESS POWDER: For the purchase and manufacture of smokeless powder, two hundred and fifty thousand dollars.

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For smokeless-powder factory: "For the erection of buildings on Government ground for the manufacture of smokeless powder, with the necessary machinery and equipment, ninety-three thousand seven hundred and twenty-seven dollars." Powder factory.

* * * * *

Torpedo Station, Newport, R. I.:

* * * * *

For "enlarging storehouse, improvements and repairs to seaman gunners' quarters, and providing more adequate accommodations for the increasing number of torpedo boats sent to the station for outfits and torpedo work, ten thousand five hundred dollars; in all, torpedo station, ninety-seven thousand five hundred dollars." Miscellaneous improvements.

FITTING FORT LAFAYETTE AS MAGAZINE: For the necessary improvements and fittings at Fort Lafayette, New York Harbor, to render same suitable for the storage, handling, and distribution of ammunition for the naval service, fifteen thousand dollars; and the Secretary of the Navy is hereby authorized and directed to appoint a board of officers to ascertain whether a suitable site for a naval magazine can be obtained at or near the port of New York, and to make report thereon to the next session of Congress. Fort Lafayette.

NAVAL MAGAZINE, FORT MIFFLIN, PENNSYLVANIA: For additional magazine, fixed ammunition house, two gun-cotton houses, fire plant, tramway, two filling houses, remodeling old building for watchmen's quarters, cistern, converting old gunners' house into storehouse, lightning conductors, with the necessary fittings to same, at the naval magazine, Fort Mifflin, Pennsylvania, forty-five thousand dollars. Fort Mifflin.

RESERVE TORPEDOES AND APPLIANCES: Reserve torpedoes and torpedo appliances, two hundred and fifty thousand dollars. Torpedoes.

EXPERIMENTS WITH ARMOR-PIERCING PROJECTILES: For conducting experiments in firing armor-piercing projectiles charged with high explosives under service conditions from naval guns at high velocities, and for the purpose of determining whether the destructive effect of shells so charged is greater than that of similar shells charged with gunpowder, and whether they can be placed on board naval vessels on the same footing as shells loaded with gunpowder, twenty-five thousand dollars. Armor-piercing projectiles, experiments in.

* * * * *

For arming and equipping Naval Militia: * * *. "The Secretary of the Navy is hereby authorized and empowered to use any part of the share of moneys heretofore or herein appropriated for arming or equipping the Naval Militia forces of the State of Michigan in repairing the damage to the Yantic caused by a collision during Yantic, repairs.

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her transportation from the Boston Navy-Yard to Michigan, as he, the Secretary, may deem proper and advisable."

* * * * *

Assistant Chief of Bureau of Ordnance.

Provides "that a line officer of the Navy may be detailed temporarily as assistant to the Chief of the Bureau of Ordnance in the Navy Department, and that such officer during such detail shall receive the highest pay of his grade, and in the case of the death, resignation, absence, or sickness of the chief of the bureau shall, unless otherwise directed by the President, as provided by sections one and seventy-nine of the Revised Statutes, perform the duties of such chief until his successor is appointed or such absence or sickness shall cease, provided that, in case of the death, sickness, or absence on duty of the chief of the bureau and the assistant thereto, the chief clerk shall act as chief of the bureau."

Statue of David D. Porter.

The Secretary of the Navy is hereby directed to report to Congress a suitable design for a statue of David D. Porter, to be erected in the city of Washington, and the reasonable cost thereof.

BUREAU OF EQUIPMENT.

EQUIPMENT OF VESSELS: * * * "Hydrographic Office shall hereafter be attached to and be a part of the Bureau of Equipment.

"For one steam water-boat for use at the Norfolk Navy-Yard, * * *."

Coal depots, establishment of.

DEPOTS FOR COAL: To enable the Secretary of the Navy to execute the provisions of section fifteen hundred and fifty-two of the Revised Statutes authorizing the Secretary of the Navy to establish, at such places as he may deem necessary, suitable depots of coal, and other fuel, for the supply of steamships of war, two hundred and fifty thousand dollars, or so much thereof as may be necessary.

* * * * *

Naval Home, admission to.

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA: * * *. "Whenever any officer, seaman, or marine entitled to a pension is admitted to the Naval Home at Philadelphia, or to a naval hospital, his pension, while he remains there, shall be deducted from his accounts and paid to the Secretary of the Navy for the benefit of the fund from which such home or hospital, respectively, is maintained; and section forty-eight hundred and thirteen of the Revised Statutes of the United States is hereby amended accordingly."

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PUBLIC WORKS—BUREAU OF YARDS AND DOCKS, NAVY-YARDS AND STATIONS, NAVAL ACADEMY, AND NEW NAVAL OBSERVATORY.

Portsmouth. NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: Reappropriation of balance (six thousand three hundred and fifty dollars) of appropriation for coal pocket, act June nineteenth, eighteen hundred and ninety-two, for coal sheds, Seaveys Island, for storage of coal.

Boston. NAVY-YARD, BOSTON, MASSACHUSETTS: For iron roof for Building Numbered Forty-two, fifteen thousand four hundred dollars.

Brooklyn. NAVY-YARD, BROOKLYN, NEW YORK: For dredging Whitney Basin and Wallabout, to continue, fifty thousand dollars; quay wall between Dry Dock Numbered One and Main street, sixty thousand dollars; quay wall, coal dock, to complete, thirty thousand dollars; grading and sewering between dry dock and Clinton avenue, to continue, ten thousand dollars; grading and paving causeway and roads around docks, twenty thousand dollars; storehouse for steel (for construction and repair), seventeen thousand five hundred dollars; oil and varnish storehouse (supplies and accounts), forty-six thousand three hundred dollars; paving streets, five thousand dollars; addition to electric-light system, fifteen thousand dollars; replacing storehouse (building numbered thirty-one), condemned as dangerous and removed, forty-nine thousand eight hundred and thirty-seven dollars; conversion of building numbered eight into two-story fireproof storehouse for ordnance material, to be immediately available, twenty-four thousand five hundred dollars; in all, three hundred and twenty-eight thousand one hundred and thirty-seven dollars.

League Island. NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: Dredging and filling in, twenty thousand dollars; mooring cribs for vessels in reserve basin, fifty-six thousand dollars; extension of reserve basin, one hundred and twenty thousand dollars; continuation of west wall of causeway, twenty thousand dollars; for roads and walks to reserve basin and about the yard, five thousand dollars; workshop and boiler house for ordnance, sixty thousand dollars; steam generator for heating purposes and electric plant, five thousand five hundred dollars; in all, two hundred and eighty-six thousand five hundred dollars.

Washington. NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: For improvement of electric plant, sixteen thousand dollars; storehouse for guns (ordnance), thirty-five thousand dollars; new roof for south gun shop (ordnance), twenty-five thousand three hundred and forty-seven dollars; in all, seventy-six thousand three hundred and forty-seven dollars.

Norfolk. NAVY-YARD, NORFOLK, VIRGINIA: Toward enlargement of electric plant and concentration of steam, twenty thou-

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sand dollars; extension of quay wall, thirty thousand dollars; ship fitter's shop, at new dry dock (construction and repair), forty thousand dollars; extending railroad tracks for traveling crane, thirteen thousand dollars; steel standpipe (two hundred and seventy thousand gallons), thirteen thousand dollars; grading and paving, to continue, ten thousand dollars; in all, one hundred and twenty-six thousand dollars.

The Secretary of the Navy is hereby authorized and directed to cause to be commenced, within three months after the passage of this act, and the Attorney-General is hereby directed to carry on, proceedings for the condemnation of the following tract of land for the use of the United States for the Norfolk Navy-Yard, for the purpose of constructing a wet dock, and for other purposes, namely, the tract of land known as the Cedar Grove property, containing fifty acres, with a water front of one thousand six hundred feet on the Elizabeth River, immediately opposite to the Gosport Navy-Yard, in the State of Virginia, under the act of Congress approved August first, eighteen hundred and eighty-eight, entitled "An act to authorize the condemnation of lands for sites of public buildings, and for other purposes," and other laws of the United States, so as to completely vest in the United States the title of said land. And all such proceedings shall be reported to Congress at its next session by the Secretary of the Navy.

Port Royal. NAVAL STATION, PORT ROYAL, SOUTH CAROLINA: Quay wall, fifteen thousand dollars; repair shop (for steam engineering), fifty thousand dollars; dredging a channel from the outside to the naval station, one hundred thousand dollars; constructing a wharf adjoining the timber dry dock, seventy-five thousand dollars; one locomotive crane and truck for dry dock, seventy thousand dollars; electric light and power plant, twenty thousand dollars; increasing facilities for storage and handling of coal, twenty thousand dollars; for the payment of the amounts awarded to the owners of the several tracts of land at the naval station, Port Royal, South Carolina, recently condemned for the use of the United States, in addition to the amount heretofore appropriated for the purchase of land at that station, twenty thousand three hundred and twenty-five dollars and fifty cents; in all, three hundred and seventy thousand three hundred and twenty-five dollars and fifty cents, to be immediately available.

Mare Island. NAVY-YARD, MARE ISLAND, CALIFORNIA: For storage shed for lumber (construction and repair), twenty-eight thousand dollars; coal cylinders, forty-three thousand dollars; extending quay wall, thirty thousand dollars; shelter roofs for boats, fourteen thousand three hundred dollars; plumbers', tinners', and paint shop (construction and repair), twenty-two thousand five hundred dol-

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lars; bath house at United States receiving ship Independence, one thousand six hundred and twenty-one dollars; washhouse and drying room United States receiving ship Independence, three thousand dollars; wharf at United States receiving ship Independence, two thousand eight hundred dollars; extension of oil house, eight thousand six hundred dollars; sidewalks and roads, seven thousand dollars; extension of electric system, fifteen thousand dollars; tools for yards and docks shops, six thousand seven hundred and fifty dollars; in all, one hundred and eighty-two thousand five hundred and seventy-one dollars.

To enable the Secretary of the Navy to repair and reconstruct, where necessary, the buildings recently damaged by earthquake at the Mare Island Navy-Yard, California, three hundred and fifty thousand dollars, to be immediately available.

For tearing down and removing present naval hospital building and appendages recently destroyed by earthquake at navy-yard, Mare Island, California, and erecting a new naval hospital and appendages at that place, to be immediately available, one hundred thousand dollars.

Puget Sound.

PUGET SOUND NAVAL STATION, WASHINGTON: For electric-light plant, nine thousand eight hundred dollars; extension of water system, four thousand and seven dollars; steam capstans for dry dock, six thousand three hundred and twenty-five dollars; steam engineering shop and boiler house, fifty-six thousand dollars; continuing clearing, grading, and stumping, six thousand dollars; oil house, one thousand seven hundred dollars; dredging, twenty thousand dollars; establishing telegraphic communication, four thousand dollars; quay wall, twenty-five thousand dollars; in all, one hundred and thirty-two thousand eight hundred and thirty-two dollars.

Torpedo vessels, berths for.

HOUSING TORPEDO VESSELS: Hauling out and housing torpedo vessels at such navy-yard or station as may be selected, one hundred and fifty thousand dollars.

Japonski Island.

COALING WHARF AT JAPONSKI ISLAND, ALASKA: Coaling wharf, five thousand dollars.

* * * * *

Four timber dry docks.

Toward the construction of four timber dry docks, two hundred thousand dollars each; in all, eight hundred thousand dollars; said dry docks to be not less than seven hundred feet in length, and of other dimensions sufficient to meet the present and probable future requirements of the largest vessels of the Navy and auxiliary fleet. One of these docks to be located at the navy-yard, Portsmouth, New Hampshire, to cost, when completed, not exceeding eight hundred and twenty-five thousand dollars; one at the navy-yard, Boston, Massachusetts, to cost, when completed, not exceeding eight hundred and twenty-

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five thousand dollars; one at the navy-yard, League Island, Pennsylvania, to cost, when completed, not exceeding eight hundred and twenty-five thousand dollars; and one at the navy-yard, Mare Island, California, to cost, when completed, not exceeding eight hundred and twenty-five thousand dollars; and the Secretary of the Navy is hereby authorized, in his discretion, to build one of said docks of granite or concrete faced with granite, and in such case the limit of the cost of said dock is increased two hundred thousand dollars.

Floating dock, Algiers, La.

Toward the construction of one steel floating dock of domestic manufacture which shall be a combined floating and graving dock, two hundred thousand dollars, said dock to be located at the naval reservation at Algiers, Louisiana, to be capable of lifting a vessel of fifteen thousand tons displacement, and twenty-seven feet draft of water, to cost, including moorings and wharf, eight hundred and fifty thousand dollars.

The Secretary of the Navy may employ, and pay out of the appropriations for dry docks herein authorized, such additional expert aids, draftsmen, writers, and copyists as may be necessary for the preparation of plans and specifications, to an amount not to exceed ten thousand dollars.

And the Secretary of the Navy be, and is hereby, authorized, under the limitations hereinbefore provided, to make contracts for the entire construction of said dry docks, and steel floating dock, and in each case the contract shall be awarded to the lowest best responsible bidder.

Board for locating sites for two dry docks.

The Secretary of the Navy is hereby authorized and directed to appoint a board of naval officers to determine the desirability of locating and constructing a dry dock of sufficient capacity to take the largest naval ship in the harbor of Galveston or in the harbor of Sabine Pass, or the waters tributary thereto, Texas, and a dry dock of the same capacity in the waters of Chesapeake Bay above the mouth of the Potomac River; and to report such finding to the next session of the present Congress; and the sum of one thousand dollars, or so much thereof as may be necessary, is hereby appropriated to defray the expenses of said board.

Naval Observatory.

NAVAL OBSERVATORY: For grounds and roads: For continuing grading, extending roads and paths, clearing and improving grounds, five thousand dollars; building a conduit for underground service for wires, pipes, and so forth, five thousand dollars; in all, ten thousand dollars.

Building a double floor (under the movable floor), twenty-six inch equatorial dome, double doors at entrance to basement, and alterations to machinery, one thousand two hundred dollars.

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BUREAU OF MEDICINE AND SURGERY.

* * * * *

For hospital for contagious diseases: "For hospital for contagious diseases at Newport, Rhode Island, six thousand five hundred dollars."

* * * * *

NAVAL CEMETERY, NAVAL HOSPITAL, NORFOLK, VIRGINIA: Labor and material for widening of approaches, and repairing and painting of all gates and fences; for making graveled roads and paths; building walls where necessary, properly grading the whole area, and planting appropriate shrubbery, one thousand dollars. Naval cemetery, Norfolk.

That section thirteen hundred and seventy of the Revised Statutes of the United States be, and the same is hereby, amended so as to read as follows:

"No person shall be appointed assistant surgeon until he has been examined and approved by a board of naval surgeons designated by the Secretary of the Navy, nor who is under twenty-one or over thirty years of age, inclusive." Assistant surgeons, appointment of.

The President is hereby authorized to appoint for temporary service twenty-five acting assistant surgeons, who shall have the relative rank and compensation of assistant surgeons. Temporary appointees.

BUREAU OF SUPPLIES AND ACCOUNTS.

* * * * *

For assistant paymasters: "The active list of assistant paymasters of the pay corps shall hereafter consist of twenty-five." Assistant paymasters, increase in number of.

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BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: * * *.

For repairs to United States steamship Hartford: "Completion of repairs to and outfit for the United States steamship Hartford, thirty thousand dollars." Hartford.

Repairs to the United States steamship Chicago: Completion of repairs to and outfit for the United States steamship Chicago, two hundred and twenty-five thousand dollars. Chicago.

One coaling barge, eight hundred tons capacity, sixteen thousand dollars. Coaling barge.

Construction plant, navy-yard, Portsmouth, New Hampshire: Repairs to and improvement of plant at navy-yard, Portsmouth, New Hampshire, fifty thousand dollars. Construction plants. Portsmouth.

Construction plant, navy-yard, Boston, Massachusetts: Repairs to and improvement of plant at navy-yard, Boston, Massachusetts, fifty thousand dollars. Boston.

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New York. Construction plant, navy-yard, New York, New York: Repairs to and improvement of plant at navy-yard, New York, New York, fifty thousand dollars.

League Island. Construction plant, navy-yard, League Island, Pennsylvania: Repairs to and improvement of plant at navy-yard, League Island, Pennsylvania, fifty thousand dollars.

Norfolk. Construction plant, navy-yard, Norfolk, Virginia: Repairs to and improvement of plant at navy-yard, Norfolk, Virginia, fifty thousand dollars.

Mare Island. Construction plant, navy-yard, Mare Island, California: Repairs to and improvement of plant at navy-yard, Mare Island, California, fifty thousand dollars.

Puget Sound. Construction plant, naval station, Puget Sound, Washington: Repairs to and improvement of plant at Puget Sound, Naval Station, Washington, twenty thousand dollars.

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BUREAU OF STEAM ENGINEERING.

* * * * *

Machinery plants: Boston. MACHINERY PLANT, NAVY-YARD, BOSTON, MASSACHUSETTS: Modern machine shop tools, fifteen thousand dollars.

Norfolk. MACHINERY PLANT, NAVY-YARD, NORFOLK, VIRGINIA: Additional tools required to put the yard in condition for building and repairing modern marine machinery, including improvements in handling machinery and in the boiler-making plant; new boilers for steam engineering shops, thirty-five thousand dollars.

Key West. MACHINERY PLANT, NAVAL STATION, KEY WEST, FLORIDA: For tools for machine shop, foundry, and boiler shop, thirty thousand dollars.

Port Orchard. MACHINERY PLANT, NAVAL STATION, PORT ORCHARD, WASHINGTON: Machine tools to fit out plant for repairs of engines, boilers, and so forth, of United States naval vessels, thirty thousand dollars.

Port Royal. MACHINERY PLANT, NAVAL STATION, PORT ROYAL, SOUTH CAROLINA: Machine tools to properly equip the plant for repairing engines, boilers, and so forth, of United States naval vessels, fifty thousand dollars.

Liquid fuel, experiments with. EXPERIMENTAL PURPOSES: Experiments with liquid fuel on steam tug, New York yard; experiments with liquid fuel on two torpedo boats, fifteen thousand dollars.

* * * * *

NAVAL ACADEMY.

* * * * *

Fire and flushing system. REPAIRS, NAVAL ACADEMY: * * * For new fire and flushing system and other sanitary purposes, fifteen thousand seven hundred and fifty dollars; relaying brick sidewalks adjacent to Naval Academy walls in streets of An-

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napolis, three thousand five hundred dollars; repaving Maryland avenue within the Naval Academy, four thousand dollars; relaying sidewalk from Maryland avenue to cadet quarters, one thousand two hundred and eighty-two dollars; repairing Santee's wharf, two thousand five hundred dollars; necessary dredging and improvement of north water front, ten thousand dollars; * * *.

Armory, etc.

The Secretary of the Navy is authorized to contract for the construction, at the Naval Academy, Annapolis, Maryland, of a building suitable for use as an armory, at a cost not to exceed three hundred thousand dollars; a boathouse, at a cost not to exceed three hundred thousand dollars; a power house, at a cost not to exceed one hundred thousand dollars; four double houses for officer's quarters, at a cost not to exceed sixty thousand dollars; for grading, electric-light wiring, removing old buildings, and preparing plans, at a cost not to exceed ninety thousand dollars; for constructing the line of sea wall on the river side, piling, dredging, and filling in, as may be necessary, one hundred and fifty thousand dollars; and the sum of five hundred thousand dollars is hereby appropriated toward the construction of the public works herein authorized.

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MARINE CORPS.

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Repair of damage, Mare Island.

For repair of barracks and officers' quarters at Mare Island Navy-Yard, California, damaged by earthquake, five thousand four hundred and twenty-five dollars, to be immediately available.

* * * * *

Repairs to marine barracks, Annapolis, Maryland, one thousand five hundred dollars.

* * * * *

Reimbursement for loss of clothing.

To reimburse the enlisted men of the United States Marine Corps who incurred loss of clothing by the fire which occurred at the navy-yard, Washington, District of Columbia, on the twenty-second and twenty-ninth days of April, eighteen hundred and ninety-seven, fifty-one dollars and seventy-three cents: *Provided*, That the accounting officers of the Treasury shall in all cases require a schedule and certificate from each person making a claim under this act.

* * * * *

INCREASE OF THE NAVY.

Three battleships.

For the purpose of further increasing the naval establishment of the United States the President is hereby authorized to have constructed by contract three seagoing coast-line battle ships carrying the heaviest armor

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and most powerful ordnance upon a displacement of about eleven thousand tons, to have the highest practicable speed for vessels of their class, and to cost, exclusive of armor and armament, not exceeding three million dollars each, one of said battle ships to be named the Maine; and four harbor-defense vessels of the monitor type, each having one or two turrets, and to cost, exclusive of armament, not exceeding one million two hundred and fifty thousand dollars each; and sixteen torpedo boat destroyers of about four hundred tons displacement, and twelve torpedo boats of about one hundred and fifty tons displacement, to have the highest practicable speed, and to cost in all, exclusive of armament, not exceeding six million nine hundred thousand dollars; and one gunboat to take the place of the United States steamship Michigan, to cost, exclusive of armament, not more than two hundred and sixty thousand dollars, said gunboat to be constructed on the Great Lakes or their connecting waters: *Provided*, That said construction of said gunboat shall conform to all existing treaties and conventions. And not more than two of said battle ships, and not more than two of said harbor-defense vessels, and not more than five of said torpedo-boat destroyers, and not more than four of said torpedo boats shall be built in one yard or by one contracting party, and the contracts for the construction of each of said vessels shall be awarded by the Secretary of the Navy to the lowest best responsible bidder, having in view the best results and most expeditious delivery; and in the construction of all said vessels all of the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the naval establishment," and amendments subsequently made thereto as to materials for said vessels, their engines, boilers, and machinery, the contracts under which they are built, except as to premiums, which are not to be offered, the notice of any proposals for the same, the plans, drawings, and specifications therefor, and the method of executing said contracts, shall be observed and followed, and said vessels shall be built in compliance with the terms of said act, save that in all their parts said vessels shall be of domestic manufacture except that no proposal for the torpedo vessels shall be considered unless the bidder is already in possession of adequate plant, and that the advertisement relating to the proposals for such vessels may be published for three weeks only; and, subject to the provisions hereinafter made, one and not more than one of the aforesaid seagoing battle ships, and one and not more than one of the aforesaid harbor-defense vessels, shall be built on or near the coast of the Pacific Ocean or in the waters connecting therewith: *Provided*, That if it shall appear to the satisfaction of the President of the United States, from the biddings for such contracts when the same are opened and

Maine.

Four harbor-defense vessels, monitors.

Sixteen torpedo-boat destroyers.

Twelve torpedo boats.

One gunboat.

Where to be constructed.

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examined by him, said vessel, or either of them, can not be constructed on or near the coast of the Pacific Ocean at a cost not exceeding four per centum above the lowest accepted bid for the other battle ships or harbor-defense vessels provided for in this act, he shall authorize the construction of said vessel, or either of them, elsewhere in the United States, subject to the limitations as to cost hereinbefore provided.

Construction and machinery.

CONSTRUCTION AND MACHINERY: On account of the hulls and outfits of vessels and steam machinery of vessels heretofore and herein authorized, thirteen million six hundred and forty-eight thousand four hundred and seventy-three dollars: *Provided*, That section two of the act entitled "An act to increase the naval establishment," approved August third, eighteen hundred and eighty-six, be, and the same is hereby, amended so as to read as follows:

"SEC. 2. That in the construction of all naval vessels the steel material shall be of domestic manufacture, and of the quality and characteristic best adapted to the various purposes for which it may be used, in accordance with specifications approved by the Secretary of the Navy."

Armor and armament.

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for the vessels authorized by the act of July twenty-sixth, eighteen hundred and ninety-four, of the vessels authorized under the act of March second, eighteen hundred and ninety-five, of those authorized by the act of June tenth, eighteen hundred and ninety-six, of the three torpedo boats authorized by the act of March third, eighteen hundred and ninety-seven, and of those authorized by this act, including the completion of ordnance outfit for the four harbor-defense vessels, the sixteen torpedo-boat destroyers, and twelve torpedo boats named herein, seven million one hundred and sixty-two thousand eight hundred dollars: *Provided*, That the total cost of the armor according to the plans and specifications already prepared, for the three battle ships authorized by the act of June tenth, eighteen hundred and ninety-six, shall not exceed three million two hundred and ten thousand dollars, including all cost of nickel in the same, and exclusive of the cost of transportation, ballistic test plates, and tests, and royalty for steel face-hardening process, not to exceed one-half cent per pound, and which can not be made use of without the payment of royalty, and no contract for armor plate shall be made at an average rate to exceed four hundred dollars per ton of two thousand two hundred and forty pounds, including nickel as aforesaid. That hereafter all first-class battle ships and monitors owned by the United States shall be named for the States, and shall not be named for any city, place, or person until the names of the States, shall have been exhausted:

Limit of cost.

Names of vessels.

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Provided, That nothing herein contained shall be so construed as to interfere with the names of States already assigned to any such battle ship or monitor.

Equipment.

EQUIPMENT: Toward the completion of the equipment outfit of the new vessels heretofore and herein authorized, three hundred and seventy-five thousand dollars.

For the installation of electric plants in gunboats numbered ten, eleven, twelve, and thirteen, forty thousand dollars.

Funds immediately available.

It is further provided that whenever in the judgment of the President, the public interests may require he is authorized and empowered to make any or all the provisions and appropriations of this act immediately operative and available.

Approved, May 4, 1898.

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FIFTY-FIFTH CONGRESS, THIRD SESSION—MARCH 3, 1899.

[PUBLIC—No. 185.]

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred, and for other purposes.

[Provision is made for the Naval Establishment, and under the headings—]

PAY OF THE NAVY.

Admiral of the Navy, pay of.

For * * * "including the Admiral of the Navy, whose pay and allowances shall be the same as those received by the last General of the United States Army; * * * for men to be enlisted to fill vacancies * * *."

Officers serving temporarily, pay of.

Provides, "the Secretary of the Navy is hereby authorized to pay to such officers as were appointed for temporary service in the Navy during the late war with Spain, and who entered upon the performance of duty prior to the date on which they accepted their commissions and executed oaths of office, the pay of their grades for the interval during which they were so employed, such payments to be made from the appropriation 'Pay of the Navy.'"

* * * * *

BUREAU OF NAVIGATION.

* * * * *

Yerba Buena Island.

NAVAL APPRENTICE TRAINING STATION, YERBA BUENA ISLAND, CALIFORNIA—Maintenance: Maintenance of naval apprentice training station, Yerba Buena Island, California, namely: Labor and material; buildings and wharves; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street-car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same; fire engines and extinguishers; boats and gymnastic implements; models and other articles needed in instruction of apprentices; printing outfit and materials, and maintenance of same; heating, lighting, and furniture; stationery, books, and periodicals; fresh water, ice, and washing; freight and expressage; packing boxes and materials; postage and telegraphing; telephones, and all other contingent expenses thirty thousand dollars.

Coasters Island.

NAVAL TRAINING STATION, COASTERS HARBOR ISLAND, RHODE ISLAND (FOR APPRENTICES): * * * For "barracks, mess hall, wash room, and so forth, * * *."

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BUREAU OF ORDNANCE.

* * * * *

Smokeless-powder factory.

For smokeless-powder factory: "Necessary expenses incident to the work of continuing the development of the smokeless-powder factory, * * *."

Fort Lafayette.

For fitting Fort Lafayette as magazine: "Additional work necessary in fitting Fort Lafayette, New York Harbor, in suitable condition for magazine purposes, * * *."

Purchase of site for naval magazine, New York Harbor.

Naval magazine, New York Harbor: For the purchase of land for a site for a naval magazine, near New York City, and for the erection thereon of the necessary buildings; for inclosing said grounds; for grading and filling in; for building roads and walks; for the improvement of the water front; for the necessary wharves and cranes; for railroad tracks and water service; and for the equipment of the establishment, six hundred thousand dollars, or as much thereof as may be necessary; and the Secretary of the Navy may employ and pay out of the appropriation hereby authorized such additional expert aids, architects, superintendent of construction, or draftsmen, as may be necessary for the preparation of the plans and specifications and prosecution of the work authorized, to an amount not to exceed seven thousand dollars.

Fort Mifflin.

Naval magazine, Fort Mifflin, Pennsylvania: For extending two shell houses at the naval magazine, Fort Mifflin, Pennsylvania; construction of necessary roadbeds, extension and repair of piers, improvement and repair of dike walls, and expenses incident thereto, sixty-eight thousand dollars.

* * * * *

Ordnance buildings and equipment.

League Island.

For machinery for ordnance building, navy-yard, League Island, Pennsylvania: "Boilers, machinery, tools, and appliances for the new ordnance building at the navy-yard, League Island, Pennsylvania, sixty thousand dollars."

Norfolk.

Naval magazine, near Norfolk, Virginia: New watchmen's quarters and storehouse at magazine grounds, Saint Juliens Creek, near Norfolk, Virginia, and for the purchase of additional land needed to extend the borders of same, twenty-seven thousand five hundred dollars.

League Island.

Steam lighter for navy-yard, League Island, Pennsylvania: Purchase of a steam lighter for ordnance purposes at the navy-yard, League Island, Pennsylvania, thirty thousand dollars.

* * * * *

Maxim guns to Yale University, transfer of.

Provision for "the Secretary of the Navy * * * to transfer to the officers of Yale University the custody of the two Maxim rapid-fire guns, with their mounts and the stand of colors, presented by its students and graduates to the United States at the opening of the war with

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Spain for use upon the auxiliary cruiser Yale, to be retained until said guns may be required for use by the Government."

BUREAU OF EQUIPMENT.

* * * * *

Ocean and lake surveys: * * * For surveys of the imperfectly known parts of the coasts and harbors of the Philippine Archipelago, and the islands of Cuba and Porto Rico, with their bordering keys and waters and the minor outlying islands; to be made immediately available, one hundred thousand dollars. Survey of Philippines, Cuba, and Porto Rico.

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BUREAU OF YARDS AND DOCKS.

* * * * *

FOR PUBLIC WORKS—BUREAU OF YARDS AND DOCKS, NAVY-YARDS AND STATIONS, NAVAL ACADEMY, AND NEW NAVAL OBSERVATORY.

NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: Building to replace hospital numbered twenty-eight, six thousand dollars; sawmill for construction and repair, thirty thousand dollars; foundry for construction and repair, forty thousand dollars; plate-angle, smith, and beam shed for construction and repair, thirty-five thousand dollars; electric-light plant, fifty thousand dollars; electric-light building, thirty thousand dollars; two officers' quarters, fifteen thousand dollars; coal-storage and coal-handling machinery, one hundred thousand dollars; in all, navy-yard, Portsmouth, New Hampshire, three hundred and six thousand dollars. Portsmouth.

NAVY-YARD, BOSTON, MASSACHUSETTS: New gate and entrance house to yard, twenty-five thousand dollars; new railroad system, forty thousand dollars; locomotive and cars, ten thousand dollars; constructing new piers and extending old ones, and dredging, one hundred thousand dollars; coal-storage and coal-handling plant, one hundred and thirty thousand dollars; repairing drainage system and connecting with metropolitan sewer, twelve thousand dollars; electric-light building with coal-storage and coal-handling appliances for same, fifty thousand dollars; electric elevators in four storehouses, twelve thousand dollars; in all, navy-yard, Boston, three hundred and seventy-nine thousand dollars. Boston.

That the Secretary of the Navy is hereby authorized to provide for the enlargement of the slip or dock at the southern boundary of the United States navy-yard at Boston, Massachusetts, partly upon the land of the navy-yard and partly upon lands belonging to the Fitchburg

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Railroad Company, said slip to be enlarged beyond its present width eighty feet upon the lands of the United States and twenty feet upon the lands of the Fitchburg Railroad Company, so that the same shall be one hundred and sixty feet in width, measured northerly from the land parallel to and twenty feet southerly from the boundary between the lands of the United States and lands of the Fitchburg Railroad Company, and to be increased in length to a total of five hundred and seventy feet, measured from the harbor commissioners' line as now established upon the front of the said railroad company's property; the said slip to be used by both the Fitchburg Railroad and the United States for the berthing of vessels at their respective wharves; and the Secretary of the Navy is empowered to make a contract with the said Fitchburg Railroad Company pursuant to the provisions of this act. That in consideration of the privileges granted by this act to the Fitchburg Railroad Company for the use of a portion of this slip extending northerly of the boundary line of the United States navy-yard, said railroad company shall build suitable retaining walls upon the east side and at the head of the slip upon the Government lands, or if the United States shall so elect in lieu thereof shall pay to the United States such sums of money as may be determined by arbitration, and shall dredge the entire slip or basin to a depth of thirty feet at mean low water and maintain such depth as long as it enjoys the privileges above stated. It is further provided that the said railroad company shall use and occupy only sixty feet of the width of the said basin within the limits of the navy-yard property, and is to erect no construction of any kind within the limits of the said basin, either upon the lands of the Government or upon that portion of the said railroad company's lands included in the basin. That the right to use said dock or any part thereof by said railroad company may be temporarily suspended by the Secretary of the Navy whenever in case of war or other emergency it shall be necessary, in his judgment, for the United States Government to have the exclusive use of the same, and for any such suspension said company shall not be entitled to any compensation. The Secretary of the Navy shall notify the railroad company to that effect, and thereupon and during the continuance of such emergency the Government shall have the sole use of said dock. That the entire expense of the construction of the said slip or basin and all future repair thereof shall be borne by the said railroad company, including the excavation and removal of any wharves, piers, buildings, earth, or constructions of any kind that may be upon the said site, and said materials and constructions shall be disposed of in such a manner or deposited in such places as shall be designated,

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with the approval of the Secretary of the Navy, and the construction and improvement herein provided for shall be without any expense whatever to the United States. That the privileges hereby granted to the Fitchburg Railroad Company shall become null and void unless the improvements hereby authorized are begun within six calendar months from the date of the approval of this act, and completed in every respect in accordance with the terms hereof, and to the acceptance of the Secretary of the Navy, within eighteen calendar months from the same date.

Brooklyn.

NAVY-YARD, BROOKLYN, NEW YORK: Removing crib work, and so forth, Whitney Basin, one hundred thousand dollars; extending quay wall, Cob Dock, eighty-two thousand seven hundred dollars; extending building numbered thirty-three, forty-eight thousand dollars; erecting shop, wing of building numbered twenty-eight, for steam engineering, forty-seven thousand two hundred and fifty dollars; coppersmith shop for steam engineering, fifteen thousand one hundred and twelve dollars; administration building for steam engineering, thirty-seven thousand dollars; paving streets, fifty thousand dollars; extending yard sewers, eighteen thousand dollars; extending railroad system, thirty thousand dollars; extending electric plant, twenty thousand dollars; new roof for building numbered twelve, eight thousand dollars; new floor for building numbered fourteen, twelve thousand dollars; two officers' quarters, fourteen thousand dollars; reconstructing and enlarging building numbered twenty-two, seventy thousand dollars; coal-storage and coal-handling plant, sixty thousand dollars; in all, navy-yard, New York, six hundred and twelve thousand and sixty-two dollars.

League Island.

NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: Dredging and filling in Delaware water front, fifty thousand dollars; extension of reserve basin, one hundred and twenty-five thousand dollars; new roads and walks about yard, fifteen thousand dollars; extension of drainage system, seven thousand dollars; commandant's office, fifty-three thousand seven hundred and thirty-five dollars; water-closets, four thousand seven hundred and twelve dollars; east wall of causeway, seventy-three thousand nine hundred and twenty dollars; railroad tracks about yard, twenty thousand dollars; artesian well, five thousand four hundred dollars; four officers' quarters, twenty-five thousand dollars; locomotive crane about dry dock, sixty-five thousand dollars; retaining wall about reserve basin, one hundred thousand dollars; storehouses for ships' equipment along reserve basin, thirty-six thousand dollars; continuation of sea wall west of new dry dock, fifty thousand dollars; plate-bending shop, construction and repair, seventy-five thousand dollars; coal-storage and coal-handling plant, fifty thousand dollars; fire-

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proof storehouse, forty-five thousand dollars; in all, navy-yard, League Island, eight hundred thousand seven hundred sixty-seven dollars.

Washington. NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: New steel roof and repairs to pattern-shop building numbered thirty, twent-one thousand dollars; new steel roof and repairs to copper rolling mill, seventeen thousand dollars; extension of north gun shop, fifteen thousand dollars; new steel roof and extension of store numbered twelve, ten thousand dollars; extension of storehouse for guns, thirty-five thousand dollars; shop and office building for construction and repair, one hundred thousand dollars; one officer's quarters, seven thousand dollars; in all, navy-yard, Washington, two hundred and five thousand dollars.

Norfolk. NAVY-YARD, NORFOLK, VIRGINIA: Quay wall for fitting out basin, one hundred thousand dollars; ship fitters' shop for construction and repair, one hundred thousand dollars; building for electric plant, plumbers' shop, and machine shop (yards and docks), seventy-five thousand dollars; blacksmith shop and plumbers' shop, fifty thousand dollars; one hundred and twenty ton floating derrick, seventy thousand dollars; two officers' quarters, ten thousand dollars; grading and paving streets and for sewers, twenty thousand dollars; storehouse for torpedoes, and so forth, seventy-five thousand dollars; in all, navy-yard, Norfolk, five hundred thousand dollars.

And the sum of one hundred and forty-five thousand six hundred and eighty-seven dollars and fifty cents, or so much thereof as may be necessary, is hereby appropriated to pay and satisfy the amount awarded to the property owners as found by the final judgment to be rendered in the matter of the condemnation proceedings begun under the direction of the Attorney-General of the United States in the district court of the United States for the eastern district of Virginia on the twenty-fourth day of June, eighteen hundred and ninety-eight, for the condemnation of the tract of land mentioned therein for the use of the United States at Norfolk, Virginia; and such further sum is appropriated as may be necessary to pay the costs of said proceedings: *Provided*, That said sum, the purchase money, shall be paid into court to be distributed among those entitled thereto, or their attorneys of record, under said judgment and decree in full satisfaction of the payment for the lands mentioned and described therein.

New London. NAVAL STATION, NEW LONDON, CONNECTICUT: Dredging, twenty-five thousand dollars.

Port Royal. NAVAL STATION, PORT ROYAL, SOUTH CAROLINA: Building for workshops (yards and docks), fifty-four thousand dollars; paint shop and storage for combustibles, thirteen thousand dollars; extension of storehouse, thirty thousand dollars; dredging plant, six thousand dollars;

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grading and drainage, six thousand dollars; sawmill and boat shop (construction and repair), thirty thousand dollars; shipwright's shed (construction and repair), six thousand dollars; the Secretary of the Navy is hereby authorized to procure, by purchase, in his discretion, at such price as he may deem fair and reasonable, not to exceed the sum of twenty-six thousand dollars, the following-described property adjoining and contiguous to the United States Naval Station, Port Royal, South Carolina, being lots in township numbered two, south of Beaufort base line, range numbered one, west of Saint Helena meridian, in section numbered five, according to the survey thereof made by the United States direct tax commissioners for South Carolina, and recorded in their office, namely: Twenty-seven, twenty-eight, twenty-nine, thirty, thirty-one, thirty-four, thirty-five, thirty-six, thirty-seven, thirty-eight, forty-three, forty-four, forty-five, forty-six, forty-seven, forty-nine, fifty, fifty-one, fifty-two, fifty-three, fifty-four, fifty-nine, sixty, sixty-one, sixty-two, sixty-three, and sixty-four; also section numbered eight, lots one, two, three, four, five, six, eleven, twelve, thirteen, fourteen, fifteen, sixteen, seventeen, eighteen, nineteen, twenty, twenty-one, twenty-two, twenty-seven, twenty-eight, twenty-nine, thirty, thirty-one, thirty-two, thirty-three, thirty-four, thirty-five, thirty-six, thirty-seven, and thirty-eight; in all, naval station, Port Royal, one hundred and forty-five thousand dollars.

Key West.

NAVAL STATION, KEY WEST, FLORIDA: Sea wall, three thousand dollars; sidewalks, one thousand five hundred and twenty dollars; two officers' quarters, eight thousand dollars; purchase of additional land, one hundred thousand dollars; in all, naval station, Key West, one hundred and twelve thousand five hundred and twenty dollars.

Mare Island.

NAVY-YARD, MARE ISLAND, CALIFORNIA: Quay wall, seventy-two thousand dollars; crematory, seven thousand five hundred dollars; additional tools for machine shop (yards and docks), four thousand dollars; extension and renewal of railroad and its equipments, twenty thousand dollars; fire-engine house, seven thousand dollars; additional storehouse for supplies and accounts, forty thousand dollars; blockmakers', coopers', and varnishers' shop (construction and repair), sixteen thousand dollars; dredging channel and anchorage ground, one hundred thousand dollars; timber shed (supplies and accounts), twenty-six thousand two hundred and fifty dollars; apartment house for junior and other officers, fifteen thousand dollars; sidewalks and roads, five thousand dollars; boat shops (construction and repair), seventy-two thousand dollars; machine shop (construction and repair), thirty-four thousand dollars; grading and paving streets, six thousand dollars; building for storing and

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handling guns, twenty-two thousand dollars; moving back ferry slip, eighty thousand dollars; shipwrights' shop (construction and repair), seventy-five thousand dollars; steam engineering, machine shop, and foundry, one hundred and fifty thousand dollars; grading yard, one hundred thousand dollars; storehouse for equipment materials, forty-five thousand dollars; workshop and boiler house for Bureau of Equipment, thirty-five thousand dollars; chain shed for Bureau of Equipment, four thousand five hundred dollars; in all, navy-yard, Mare Island, nine hundred and thirty-five thousand seven hundred and fifty dollars.

Puget Sound. PUGET SOUND NAVAL STATION, WASHINGTON: Pump and boiler house for new water station, three thousand dollars; yard water-closets, one thousand dollars; purchase of additional land near springs, one thousand dollars; continuing clearing, grading, and stumping station, twelve thousand dollars; concrete floor for construction and repair shop, eight thousand dollars; yard railway, three thousand five hundred dollars; extension of boiler room and steam plant for yards and docks, twenty thousand dollars; in all, Puget Sound Naval Station, forty-eight thousand five hundred dollars.

Algiers, La. That the Secretary of the Navy is authorized to use the balance remaining unexpended of the appropriations made by the act approved March third, eighteen hundred and ninety-three, "Dry dock, Algiers, Louisiana," and by the act approved July twenty-sixth, eighteen hundred and ninety-four, "Dry dock at Algiers, Louisiana," for the payment of the interest and costs adjudged by the decrees of the court in the proceedings for the condemnation of the lands acquired, as authorized by said acts.

The provisions of "An act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety-nine, and for other purposes," approved May fourth, eighteen hundred and ninety-eight, relating to the construction of dry docks, are hereby modified so that the Secretary of the Navy may, in his discretion, contract for the construction of one of the four dry docks named in said provision in addition to that at Boston, to be built of granite, or of concrete faced with granite, and in such case the limit of the cost of each of said dry docks is fixed at one million one hundred thousand dollars. Toward the construction of said dry docks there is hereby appropriated the sum of eight hundred thousand dollars in addition to the appropriations contained in said provisions of the act of May fourth, eighteen hundred and ninety-eight, which may be used in carrying out the terms of this provision.

The Secretary of the Navy may employ and pay, out of the appropriation for public works herein authorized under the Bureau of Yards and Docks, such additional expert aids, draftsmen, writers, and copyists as may be

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necessary for the preparation of plans and specifications, and for such services an amount not to exceed five thousand dollars is made immediately available.

For completion of buildings and other works authorized under the act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety-nine, under such plans as may be adopted by the Secretary of the Navy, not to exceed in cost one million two hundred and twenty thousand dollars, seven hundred and twenty thousand dollars. Naval Academy.

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BUREAU OF MEDICINE AND SURGERY.

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NAVAL CEMETERY, NAVAL HOSPITAL, CHELSEA, MASSACHUSETTS: Building fence to inclose cemetery, laying out approaches and paths, caring for graves, resetting headstones, and general renovation. two thousand five hundred dollars. Naval cemetery, Chelsea, Mass.

NAVAL HOSPITAL, CHELSEA, MASSACHUSETTS: Building annex for kitchen, bathroom, closets, and lavatories, furniture and fittings, and general renovation of hospital and appendages, forty-five thousand dollars, to be immediately available. Annex, naval hospital, Chelsea, Mass.

BUREAU OF SUPPLIES AND ACCOUNTS.

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The active list of passed assistant and assistant paymasters of the Pay Corps shall hereafter consist of thirty and forty, respectively: *Provided*, That when such appointments of assistant paymasters are made from among those who served honorably as such in the late war with Spain the age limit may be increased to forty-five years. Pay corps, increase in number of.

The officer of the Pay Corps of the Navy detailed as assistant to the Chief of the Bureau of Supplies and Accounts pursuant to the act of Congress approved July twenty-seventh, eighteen hundred and ninety-four, shall hereafter receive the highest pay of his grade. Assistant to Chief of Bureau of Supplies and Accounts, pay of.

BUREAU OF CONSTRUCTION AND REPAIR.

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For construction plant, navy-yard, Pensacola, Florida: "Repairs to and improvement of construction plant at navy-yard, Pensacola, Florida, twenty-five thousand dollars." Construction plants: Pensacola.

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For construction plant, naval station, Port Royal, South Carolina: "Repairs to and improvement of construction plant at naval station, Port Royal, South Carolina, twenty-five thousand dollars." Port Royal.

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Key West. "Construction plant, naval station, Key West, Florida: "Repairs to and improvement of construction plant at naval station, Key West, Florida, twenty-five thousand dollars."

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Submarine boats, Holland type. The act of June tenth, eighteen hundred and ninety-six, authorizing the construction, in the discretion of the Secretary of the Navy, of two submarine boats, is hereby amended so as to permit the Secretary to contract for two submarine boats of the Holland type, similar to the submarine boat Holland.

BUREAU OF STEAM ENGINEERING.

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Machinery plants: Norfolk. MACHINERY PLANT, NAVY-YARD, NORFOLK, VIRGINIA: Additional tools required to put the yard in condition for building and repairing modern marine machinery with economy and dispatch, fifteen thousand dollars.

Puget Sound. MACHINERY PLANT, NAVAL STATION, PUGET SOUND, WASHINGTON: Additional tools required to fit out plant for repairs of engines, boilers, and so forth, of United States naval vessels, twenty-five thousand dollars.

League Island. MACHINERY PLANT, NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: Boiler-making plant, fifteen thousand dollars.

Brooklyn. MACHINERY PLANT, NAVY-YARD, BROOKLYN, NEW YORK: Additional tools required to put the yard in condition for building and repairing modern marine machinery with economy and dispatch, fifty thousand dollars.

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MARINE CORPS.

* * * * *

Annapolis, miscellaneous improvements at. "For erection and completion of a building for marine barracks, Annapolis, Maryland, fifty thousand dollars.

"Erection and completion of commanding officers' quarters, Annapolis, Maryland, nine thousand dollars.

"Erection and completion of two sets of officers' quarters, Annapolis, Maryland, fourteen thousand dollars.

"Clearing and grading, laying sewers, water pipes, and pavements, erecting fences and flagstaff, and otherwise improving site for marine barracks and officers' quarters, and building a bridge to connect same with Naval Academy inclosure, Annapolis, Maryland, eight thousand dollars."

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Increase in Marine Corps. For provisions, clothing, fuel, military stores, transportation and recruiting, forage, and hire of quarters for officers and men to be commissioned and enlisted previous to June thirtieth, eighteen hundred and ninety-nine, twenty thousand four hundred dollars, to be immediately available.

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INCREASE OF THE NAVY.

That for the purpose of further increasing the naval establishment of the United States the President is hereby authorized to have constructed by contract three seagoing coast line battle ships, carrying the heaviest armor and most powerful ordnance for vessels of their class upon a trial displacement of about thirteen thousand five hundred tons, to be sheathed and coppered, and to have the highest practicable speed and great radius of action, and to cost, exclusive of armor and armament, not exceeding three million six hundred thousand dollars each; three armored cruisers of about twelve thousand tons trial displacement, carrying the heaviest armor and most powerful ordnance for vessels of their class, to be sheathed and coppered, and to have the highest practicable speed and great radius of action, and to cost, exclusive of armor and armament, not exceeding four million dollars each; and six protected cruisers of about two thousand five hundred tons trial displacement, to be sheathed and coppered, and to have the highest speed compatible with good cruising qualities, great radius of action, and to carry the most powerful ordnance suited to vessels of their class, and to cost, exclusive of armament, not exceeding one million one hundred and forty-one thousand eight hundred dollars each; and the contracts for the construction of each of said vessels shall be awarded by the Secretary of the Navy to the lowest best responsible bidder, having in view the best results and most expeditious delivery; and not more than two of the seagoing battle ships and not more than two of the armored cruisers herein provided for shall be built in one yard or by one contracting party; and in the construction of all said vessels all of the provisions of the act of May fourth, eighteen hundred and ninety-eight, entitled "An act making appropriations for the naval establishment for the fiscal year ending June thirtieth, eighteen hundred and ninety-nine, and for other purposes," shall be observed and followed; and, subject to the provisions hereinafter made, one and not more than one of the aforesaid seagoing battle ships, and one and not more than one of the aforesaid armored cruisers shall be built on or near the coast of the Pacific Ocean or in the waters connecting therewith: *Provided*, That if it shall appear to the satisfaction of the President of the United States, from the biddings for such contracts when the same are opened and examined by him, said vessels, or either of them, can not be constructed on or near the coast of the Pacific Ocean at a cost not exceeding four per centum above the lowest accepted bid for the other battle ships or cruisers provided for in this act, he shall authorize the construction of said vessels, or either of them, elsewhere in the United States, subject to the limitations as to cost hereinbefore provided.

Three battleships.

Three armored cruisers.

Six protected cruisers.

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Construction and machinery.

CONSTRUCTION AND MACHINERY: On account of the hulls and outfits of vessels and steam machinery of vessels heretofore and herein authorized, five million nine hundred and ninety-two thousand four hundred and two dollars.

Armor and armament.

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for the vessels authorized by the act of July twenty-sixth, eighteen hundred and ninety-four, of the vessels authorized under the act of March second, eighteen hundred and ninety-five, of those authorized by the act of June tenth, eighteen hundred and ninety-six, of those authorized by the act of March third, eighteen hundred and ninety-seven, of those authorized by the act of May fourth, eighteen hundred and ninety-eight, and of those authorized by this act, four million dollars: *Provided*, That in procuring armor for the seagoing coast-line battle ships and the harbor defense vessels of the monitor type, authorized by the act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety-nine, and for other purposes, approved May fourth, eighteen hundred and ninety-eight, the Secretary of the Navy may contract for suitable armor for said vessels under the limitations as to price for the same as fixed by this act: *And provided further*, That no contracts for the armor for any vessels authorized by this act shall be made at an average rate exceeding three hundred dollars per ton of two thousand two hundred and forty pounds, including royalties, and in no case shall a contract be made for the construction of the hull of any vessel authorized by this act until a contract has been made for the armor of such vessel.

Armor, limit of cost of.

Admiral of the Navy not retired, etc.

The President is hereby authorized to appoint, by selection and promotion, an Admiral of the Navy, who shall not be placed upon the retired list except upon his own application; and whenever such office shall be vacated by death or otherwise the office shall cease to exist.

Equipment.

EQUIPMENT: Toward the completion of the equipment outfit of the new vessels heretofore and herein authorized, four hundred thousand dollars.

Approved March 3, 1899.

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FIFTY-SIXTH CONGRESS, FIRST SESSION—JUNE 7, 1900.

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and one, and for other purposes.

[Provision is made for the Naval Establishment, and under the headings—]

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PAY, MISCELLANEOUS.

It is "*Provided*, That in lieu of traveling expenses and all allowances whatsoever connected therewith, including transportation of baggage, officers of the Navy traveling from point to point within the United States under orders shall hereafter receive mileage at the rate of eight cents per mile, distance to be computed by the shortest usually traveled route; but in cases where orders are given for travel to be performed repeatedly between two or more places in the same vicinity the Secretary of the Navy may, in his discretion, direct that actual and necessary expenses only be allowed. Actual expenses only shall be paid for travel under orders outside the limits of the United States in North America." Mileage, officers.

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CONTINGENT, NAVY: * * * A provision "to enable the Secretary of the Navy, in his discretion, to cause to be transported to their homes the remains of officers and enlisted men of the Navy and Marine Corps who die or are killed in action, ashore or afloat, outside of the continental limits of the United States, ten thousand dollars: *Provided*, That the sum herein appropriated shall be available for transportation of the remains of officers and men who have died or who have been killed while on duty at any time since April twenty-first, eighteen hundred and ninety-eight." Remains, transportation of.

EMERGENCY FUND, NAVY DEPARTMENT.

A provision "to meet unforeseen contingencies for the maintenance of the Navy constantly arising, to be expended at the discretion of the President, three hundred thousand dollars." Emergency fund.

BUREAU OF NAVIGATION.

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OUTFITS FOR LANDSMEN: For outfits for two thousand five hundred landsmen under training for seamen, at Outfits for landsmen.

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forty-five dollars each, one hundred and twelve thousand five hundred dollars.

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Quarters for officers.

For naval training station, California (buildings): "Three sets of officers' quarters, twenty-five thousand dollars; extension of wharf, three thousand dollars; sick quarters for apprentices, one thousand five hundred dollars; additional boiler, engine, and dynamo for lighting buildings, three thousand dollars; stable, one thousand two hundred and fifty dollars; fitting storehouse for general storekeeper in basement of barracks, one thousand dollars; * * *.

"NAVAL TRAINING STATION, RHODE ISLAND—BUILDINGS: For building breakwater, wharf, and sea wall for new barracks, twenty-five thousand dollars; for two thousand feet of six-inch water mains with valves complete for new barracks, four thousand eight hundred dollars; reclaiming basin northwest of main causeway, nine thousand five hundred dollars; building and furnishing storehouse for general storekeeper, ten thousand dollars; power house to be fitted with boilers, dynamos, connections, and so forth, for lighting the new barracks at this station, and a salt-water pumping outfit for fire protection to be installed in the same building, to be immediately available, nine thousand five hundred and fifty dollars; * * *."

BUREAU OF ORDNANCE.

Gun plant, Washington.

ORDNANCE AND ORDNANCE STORES: * * * For the gun plant at the Washington Navy-Yard, "for existing shops, fifty thousand dollars; for one new proposed shop estimated for by the Bureau of Yards and Docks, one hundred thousand dollars; for new and improved machinery for the instruction of seamen gunners, twenty-five thousand dollars; in all, gun plant at Washington, one hundred and seventy-five thousand dollars."

For new watchmen's quarters and inclosure fence for gun park at Saint Helena, Norfolk Navy-Yard, five thousand five hundred dollars.

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Puget Sound.

BUILDINGS, NAVAL STATION, PUGET SOUND: For erection and equipment of ordnance shop and two magazine buildings at Bremerton, Puget Sound Naval Station, eighty thousand dollars.

Elfrida.

ARMING AND EQUIPPING NAVAL MILITIA: * * * A provision: "The Secretary of the Navy is hereby authorized and empowered to use any part of the share of moneys heretofore or herein appropriated for arming and equipping the Naval Militia forces of the State of Connecticut in repairing the boilers of United States steamship Elfrida as he, the Secretary, may deem proper and advisable."

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For naval magazine, Norfolk, Virginia: "Railroad track, lightning rods, grading, filling, ditching and draining, and other necessary improvements at the naval magazine, Saint Juliens Creek, near Norfolk, Virginia, twenty thousand dollars." Norfolk.

NAVAL MAGAZINE, DOVER, NEW JERSEY: Improvements at the naval magazine, Dover, New Jersey, including a new storehouse and magazine, light, heat, and power plant connected with small machine shop, new wagon shed, railroad connections to new buildings and with the Morris County Railroad, water reservoir, fire system, grading, and road improvements, one hundred thousand dollars. Dover, N. J.

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BUREAU OF EQUIPMENT.

EQUIPMENT OF VESSELS: * * * For "maintaining, and repairing interior and exterior signal communications and all electrical appliances of whatsoever nature on board naval vessels, except range finders, battle order and range transmitters and indicators, and motors and their controlling apparatus used to operate the machinery belonging to other Bureaus, * * *." Electrical appliances.

For equipment plant at Cavite, Philippine Islands: "For the purchase of the necessary tools and appliances for the enlargement and for increasing the facilities of the equipment plant at Cavite, Philippine Islands, twenty thousand dollars." Cavite, P. I., equipment.

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BUREAU OF YARDS AND DOCKS.

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PUBLIC WORKS, BUREAU OF YARDS AND DOCKS, NAVY-YARDS AND STATIONS, NAVAL ACADEMY, AND NEW NAVAL OBSERVATORY.

NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: Quay wall, forty thousand dollars; grading, twenty-five thousand dollars; railroad and rolling stock, forty-five thousand dollars; sewer systems, extensions, five thousand dollars; water systems, extensions, eighteen thousand dollars; machine shop for equipment, one hundred thousand dollars; machine shop for steam engineering, fifty thousand dollars; smith shop for construction and repair, twenty-two thousand dollars; latrines, two thousand dollars; remodeling building forty-two for yards and docks, six thousand dollars; office building for construction and repair, fifteen thousand dollars; underground conduit system, eighteen thousand dollars; fire-protection system, sixty thousand dollars; in all, four hundred and six thousand dollars. Portsmouth.

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Boston. NAVY-YARD, BOSTON, MASSACHUSETTS: Ship fitters' shop, to cost not more than two hundred thousand dollars, for which contract is hereby authorized, one hundred thousand dollars; metal workers' shop, to cost not more than two hundred thousand dollars, for which contract is hereby authorized, one hundred thousand dollars; rebuilding building forty-two, seventy-five thousand dollars; refitting and improving machine shop numbered one, building forty-two, to cost not more than one hundred thousand dollars, for which contract is hereby authorized, fifty thousand dollars; trusses under pattern-shop floor, building forty-two, ten thousand dollars; extension of building forty, equipment shops, one hundred thousand dollars; chain and anchor-storage shed for equipment, ninety thousand dollars; yards and docks shop building, ninety thousand dollars; new piers and wharves, fifty thousand dollars; paving, twenty-five thousand dollars; railroad and platform scales, five thousand three hundred dollars; crane scow, twenty thousand dollars; wharf-pillar crane, six thousand dollars; dredging, thirty thousand dollars; new caisson for stone dry dock, to be immediately available, forty thousand dollars, and the unexpended appropriation for swinging gates in the act of March third, eighteen hundred and ninety-seven, is hereby reappropriated for caisson; machine tools for yards and docks shops, five thousand dollars; electric elevators, ten thousand dollars, smithery for construction and repair, to cost not more than two hundred thousand dollars, for which contract is hereby authorized, one hundred thousand dollars; fire-protection system, sixty thousand dollars; in all, navy-yard, Boston, nine hundred and sixty-six thousand three hundred dollars.

New York. NAVY-YARD, NEW YORK, NEW YORK: To complete railroad system with terminal bridge and float, thirty thousand dollars; quay wall, Whitney Basin, to complete, fifty thousand dollars; reconstructing building twenty-one for boathouse, to cost not more than one hundred and eighty-five thousand dollars, for which contract is hereby authorized, one hundred thousand dollars; completing the conversion of building numbered eight, twelve thousand two hundred dollars, to be immediately available; paving and grading, to continue, forty-two thousand dollars; extending yard sewers, to continue, eight thousand dollars; granite and concrete dry dock, to cost not more than one million dollars, for which contract is hereby authorized, two hundred thousand dollars; pay office and auction rooms, eighteen thousand dollars; storehouse for naval-supply fund stores, to cost not more than one hundred and fifty thousand dollars, for which contract is hereby authorized, one hundred thousand dollars; extending electric light and power plant, twenty-five thousand dollars; removing crib work, and so forth,

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Cob Dock, eight thousand dollars; pumping plant, dry dock numbered three, to be immediately available, eighty thousand dollars; surgeons' office and dispensary, twelve thousand dollars; fire protection system, to cost not more than one hundred and sixty-two thousand dollars, one hundred thousand dollars; completing repairs to dry dock numbered two, three hundred thousand dollars, to be immediately available; bascule bridge, one hundred and fifteen thousand dollars; new roof for building numbered twelve, four thousand dollars; completing building numbered twenty-three (two elevators), four thousand seven hundred dollars; in all, navy-yard, New York, New York, one million two hundred and eight thousand nine hundred dollars.

League Island.

NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: To complete one pair shear legs, seventeen thousand dollars; to complete new coping for dry dock, twenty-eight thousand dollars; extension of reserve basin, to continue dredging, one hundred thousand dollars; to continue increase of electric plant, twenty thousand dollars; to complete fireproof storehouse for equipment, eighteen thousand dollars; electrical workshop and storehouse for equipment, eighty-four thousand dollars; to continue retaining wall about reserve basin, one hundred thousand dollars; grading and paving, fifteen thousand dollars; shed for combustibles, fifteen thousand dollars; machine shop for steam engineering, to cost not more than one hundred and seventy-four thousand dollars, for which contract is hereby authorized, seventy-four thousand dollars; foundry and coppersmith shop for steam engineering, to cost not more than one hundred and eighteen thousand dollars, for which contract is hereby authorized, sixty thousand dollars; boiler and blacksmith shop for steam engineering, to cost not more than one hundred and eighteen thousand dollars, for which contract is hereby authorized, sixty thousand dollars; pattern shop and storehouse for patterns for steam engineering, sixty-one thousand five hundred dollars; smithery shop for construction and repair, forty-three thousand two hundred dollars; angle smithery for construction and repair, thirty-six thousand dollars; plumbers' and coppersmiths' shop and foundry for construction and repair, to cost not more than one hundred and three thousand eight hundred and eighty dollars, for which contract is hereby authorized, sixty thousand dollars; block, cooper, and spar shops for construction and repair, to cost not more than one hundred and thirteen thousand four hundred dollars, for which contract is hereby authorized, sixty thousand dollars; fireproof shed for painting and storage of canvas, three thousand eight hundred dollars; extension of water system, eighteen thousand dollars; chain shed and anchor rack, eleven thousand dollars; trolley car and line in navy-yard, five thousand dollars; fire-

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protection system, fifty thousand dollars; in all, navy-yard, League Island, nine hundred and thirty-nine thousand five hundred dollars.

Washington. NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: Extension of store numbered one, eighteen thousand dollars; paving, fifty thousand dollars; underground conduit system, thirty thousand dollars; fire-proof floors for pattern shop, fifteen thousand dollars; boiler house for heating plant, fourteen thousand five hundred dollars; skylight for north gun shop, three thousand two hundred and two dollars and thirty-two cents; storehouse for combustible material, four thousand dollars; coal shed and coal-handling appliances, forty thousand dollars; fire-protection system, forty thousand dollars; tool shop, eighty-six thousand three hundred dollars; gunner's workshop, eighty thousand eight hundred dollars; extension of forge shop and new roof, thirty-two thousand three hundred dollars; completing shop and office building for construction and repair, thirty thousand dollars; in all, navy-yard, Washington, four hundred and forty-four thousand one hundred and two dollars and thirty-two cents.

Norfolk. NAVY-YARD, NORFOLK, VIRGINIA: Quay wall north of timber basin, twenty-five thousand dollars; concrete and granite dry dock, to cost not more than one million two hundred thousand dollars, for which contract is hereby authorized, two hundred thousand dollars; remodeling machine shop for steam engineering, sixty thousand dollars; extension of locomotive crane track, fifteen thousand dollars; increasing electric plant, twenty thousand dollars; office building for steam engineering, twenty thousand dollars; storehouse for yards and docks, forty-five thousand dollars; paving and grading, twenty thousand dollars; garbage crematory, five thousand dollars; stables, seven thousand five hundred dollars; surgeons' office and dispensary, ten thousand dollars; remodeling steamfitters' and plumbers' shop for construction and repair, fifteen thousand dollars; new altars for timber dry dock, fifteen thousand dollars; laundry at Saint Helena for receiving ship, five thousand dollars; sewers, four thousand dollars; constructing ship furniture rooms in building numbered thirty, two thousand five hundred dollars; alterations in building numbered fifteen, storehouse, three thousand two hundred dollars; in all, navy-yard, Norfolk, Virginia, four hundred and seventy-two thousand two hundred dollars.

New London. NAVAL STATION, NEW LONDON, CONNECTICUT: The unexpended balance of an appropriation under the act of July seventh, eighteen hundred and ninety-eight, for coal sheds and machinery is hereby reappropriated for rebuilding wharf.

Port Royal. NAVAL STATION, PORT ROYAL, SOUTH CAROLINA: Toward rebuilding dry dock, to cost not to exceed five hundred

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thousand dollars, one hundred and fifty thousand dollars, and the Secretary of the Navy is hereby authorized to rebuild or repair said dock in concrete or stone, or both, as he may elect; condensing plant, thirty thousand dollars; fire-engine house, nine thousand dollars; grading and drainage, two thousand dollars; purchase of land, twenty-six thousand dollars; crane supports in steam-engineering machine shop, ten thousand dollars; in all, naval station, Port Royal, two hundred and twenty-seven thousand dollars.

The expenditure of the appropriations hereinbefore provided under the head of Public Works in the Bureau of Yards and Docks at the naval station, Port Royal, South Carolina, is left in the discretion of the Secretary of the Navy, who is hereby authorized and directed to forthwith appoint a board of naval officers whose duty it shall be to examine into the expediency of changing said station to some point in the State of South Carolina at or near the city of Charleston, and, if the Secretary on such examination shall decide that such change is expedient and desirable, he is authorized to expend the money hereinbefore appropriated upon such new naval station and a dock therefor having thirty feet depth of water on the sill at mean high tide; and for the purchase of a site for the same he is authorized to expend out of said appropriation a sum not to exceed one hundred thousand dollars.

Key West.

NAVAL STATION, KEY WEST, FLORIDA: Building for equipment, forty-seven thousand dollars; construction and repair shop, fifty thousand dollars; floor in new machine shop, steam engineering, three thousand dollars; in all, naval station, Key West, one hundred thousand dollars.

Mare Island.

NAVY-YARD, MARE ISLAND, CALIFORNIA: Tools for yards and docks, ten thousand dollars; sewers, ten thousand dollars; sidewalks and roads, fifteen thousand dollars; water system, one hundred and seven thousand dollars; enlarging freight shed, five thousand dollars; medical dispensary, seven thousand five hundred dollars; light and power station, thirty thousand dollars; shelter roof for construction and repair, two thousand two hundred dollars; joiner shop for construction and repair, to cost not more than one hundred thousand dollars, for which contract is hereby authorized, fifty thousand dollars; anchor shed, seven thousand dollars; to continue quay wall, thirty thousand dollars; for the construction of a chapel, five thousand dollars; crane scow, twelve thousand dollars; to continue dredging, one hundred thousand dollars; foundry for construction and repair, four thousand five hundred dollars; pattern shop for construction and repair, six thousand dollars; coal storage, fifty thousand dollars; changes and extensions in electric system, twelve thousand dollars; enlargement of equipment offices, build-

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ing sixty-five, five thousand dollars; completing workshop and boiler house for Bureau of Equipment, ten thousand dollars; in all, navy-yard, Mare Island, four hundred and seventy-eight thousand two hundred dollars.

Puget Sound.

NAVAL STATION, PUGET SOUND, WASHINGTON: Yard scow, three thousand five hundred dollars; water system, additions, twelve thousand dollars; fence about station, entrance gate, and guard quarters, fifteen thousand dollars; sewers, two thousand five hundred dollars; angle, plate, and smithery shed, twelve thousand dollars; wharf crane, five thousand dollars; fire-protection system, additions, seven thousand dollars; composition fittings for dry dock, five thousand dollars; dry-dock pumping plant, improvements, two thousand one hundred and sixty-five dollars; electric-light plant, to complete, seven thousand dollars; to continue grading, ten thousand dollars; equipment shop, eighty-five thousand dollars; coal shed and appliances, forty thousand dollars; in all, naval station, Puget Sound, Washington, two hundred and six thousand one hundred and sixty-five dollars.

Dry dock, board to locate.

And the Secretary of the Navy is hereby authorized and directed to appoint a board of naval officers to determine the desirability of locating and constructing a dry dock on the Columbia River, Oregon, and to report such findings to the next session of the present Congress; and the sum of one thousand dollars, or so much thereof as may be necessary, is hereby appropriated to defray the expenses of said board.

San Juan.

NAVAL STATION, SAN JUAN, PORTO RICO: Coaling facilities, thirty thousand dollars; pier, fifteen thousand dollars; dredging, two thousand dollars; electric-light plant, five thousand dollars; in all, naval station, San Juan, Porto Rico, fifty-two thousand dollars.

Pensacola.

NAVY-YARD, PENSACOLA, FLORIDA: Hand pillar crane, seven thousand three hundred dollars; boiler and engine room, building twenty-six, for construction and repair, one thousand dollars; boiler room, building thirty-eight, for construction and repair, one thousand two hundred dollars; in all, navy-yard, Pensacola, nine thousand five hundred dollars.

Algiers.

NAVAL STATION, ALGIERS, LOUISIANA: Shops for steam engineering, fifty thousand dollars; shops for construction and repair, ninety-five thousand dollars; in all, naval station, Algiers, one hundred and forty-five thousand dollars.

Dry Tortugas.

DREDGING, DRY TORTUGAS, FLORIDA: Dredging channel, one hundred thousand dollars.

Dry dock, Algiers.

DRY DOCK, ALGIERS, LOUISIANA: To complete floating dry dock for Algiers, Louisiana, six hundred and fifty thousand dollars, to be immediately available.

Four dry docks.

FOUR DRY DOCKS: Toward completion of dry docks at navy-yards: Portsmouth, New Hampshire; Boston, Mas-

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sachusetts; League Island, Pennsylvania, and Mare Island, California, nine hundred thousand dollars.

DRY DOCK, HAVANA, CUBA: The President is hereby authorized to purchase from the Government of Spain, for a sum not to exceed two hundred and seventy-five thousand dollars, the ten-thousand-ton steel floating dry dock belonging to that Government and now in the harbor of Havana, Cuba, and the sum of three hundred thousand dollars, or so much thereof as may be necessary, is hereby appropriated, out of any money in the Treasury not otherwise appropriated, for the purchase of said dock and for transferring and mooring the same in such location as may be determined upon by the President. Dry dock at Havana, purchase of.

* * * * *

BUILDINGS AND GROUNDS, NAVAL ACADEMY: Toward the construction of buildings, and for other necessary improvements, at the Naval Academy, Annapolis, Maryland, three hundred and fifty thousand dollars: *Provided*, That before any part of this sum is expended, complete plans shall be prepared and approved by the Secretary of the Navy covering all contemplated new buildings and improvements at the Naval Academy and for each and every purpose connected therewith; which plans shall involve a total expenditure of not more than eight million dollars, including the sum of one million two hundred and twenty thousand dollars heretofore appropriated and the sum herein appropriated for said buildings and improvements and for all additional land needed and required to carry out the aforesaid plans: *Provided further*, That after the preparation and approval of the plans herein provided for, the Secretary of the Navy is authorized to enter into contract or contracts for any part or all of the improvements and buildings herein authorized, within the said limit of cost, to be paid for as appropriations may from time to time be made by law. Naval Academy. Plans and improvements.

NAVAL OBSERVATORY: * * *. Naval Observatory.

New Buildings: Construction on the grounds of a building suitable for a dwelling for the foreman and captain of the watch, two thousand five hundred dollars.

BUREAU OF MEDICINE AND SURGERY.

* * * * *

NAVAL HOSPITAL FUND: * * * *Provided*, That from and after July first, nineteen hundred, all forfeitures on account of desertion shall be passed to the credit of the naval hospital fund. Desertion, forfeiture for, to hospital fund.

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NAVAL HOSPITAL, NEW YORK, NEW YORK: Removing old boilers, condemned as worn-out and worthless, and furnishing and installing two new boilers at naval hospital, New York, five thousand dollars. Naval hospitals: New York.

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Rhode Island. NAVAL HOSPITAL, NEWPORT, RHODE ISLAND: Addition to the naval hospital at naval training station, Newport, Rhode Island, twenty thousand dollars.

Mare Island. NAVAL HOSPITAL, MARE ISLAND, CALIFORNIA: New boiler house, boilers, and equipment for naval hospital, Mare Island, California, ten thousand dollars.

Assistant surgeons and passed assistant surgeons, increase in number and rank of. The active list of surgeons shall hereafter consist of fifty-five, and that of passed assistant and assistant surgeons of one hundred and ten. Assistant surgeons shall rank with assistant surgeons in the Army: *Provided*, That the assistant surgeons under the age of fifty years appointed for temporary service during the war with Spain, having creditable records, who are now in the Navy may be given permanent commissions. Section thirteen of the act approved March third, eighteen hundred and ninety-nine, entitled "An act to reorganize and increase the efficiency of the personnel of the Navy and Marine Corps of the United States," is hereby so amended as to provide that nothing therein contained shall operate to reduce the pay which, but for the passage of said act, would have been received by any commissioned officer at the time of its passage or thereafter.

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BUREAU OF CONSTRUCTION AND REPAIR.

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Construction plant, Algiers, La. For construction plant, naval station, Algiers, Louisiana: * * * twenty-five thousand dollars.

BUREAU OF STEAM ENGINEERING.

* * * * *

Machinery plants: Portsmouth. MACHINERY PLANT, NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: Modern machine tools required to fit out plant for repairs of engines, boilers, and so forth, of naval vessels, twenty-five thousand dollars.

Boston. MACHINERY PLANT, NAVY-YARD, BOSTON, MASSACHUSETTS: Additional machine tools to put the yard in condition for building and repairing modern marine machinery, fifty thousand dollars.

Mare Island. MACHINERY PLANT, NAVY-YARD, MARE ISLAND, CALIFORNIA: Additional tools required to put the yard in condition for building and repairing modern marine machinery, fifty thousand dollars.

Algiers. MACHINERY PLANT, NAVAL STATION, ALGIERS, LOUISIANA: Necessary machine tools required to fit up plant for repairs of engines, boilers, and so forth, of naval vessels, twenty-five thousand dollars.

Honolulu. MACHINERY PLANT, NAVAL STATION, HONOLULU, HAWAII: Necessary machine tools required to fit up plant for repairs of engines, boilers, and so forth, of naval vessels, twenty-five thousand dollars.

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MACHINERY PLANT, NAVAL STATION, SAN JUAN, PORTO RICO: Necessary machine tools required to fit up plant for repairs of engines, boilers, and so forth, of naval vessels, twenty-five thousand dollars. San Juan.

* * * * *

Provides: "Section four hundred and twenty-four of the Revised Statutes is hereby amended so as to read as follows: 'The Chief of the Bureau of Steam Engineering shall be appointed from the line of officers of the Navy not below the grade of lieutenant-commander, and shall be a skillful engineer.'" Chief Bureau Steam Engineering, eligibility for.

NAVAL ACADEMY.

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FOR HEATING AND LIGHTING, NAVAL ACADEMY: For "oil, waste, and other materials for the operation, repair, and maintenance of the plant; heating and lighting apparatus and tools, * * *." Heating and lighting.

A provision: "Whenever any naval cadet shall have finished four years of his undergraduate course of six years the succeeding appointment may be made from his congressional district or at large in accordance with existing law." Naval cadets, appointment of.

The appointees to follow the two classes of cadets now at sea may enter the Academy during the present year and those to succeed the class which is now finishing its four years of study shall be appointed before March fourth, next, to enter the Academy during the year nineteen hundred and one.

During the period of twelve years from the passage of this act any naval officer on the retired list may, in the discretion of the Secretary of the Navy, be ordered to such duty as he may be able to perform at sea or on shore, and while so employed shall receive the pay and allowances of an officer of the active list of the grade from which he was retired. Retired officers for duty.

MARINE CORPS.

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* * * The money herein specifically appropriated for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law as pay of the Marine Corps, and for that purpose shall constitute one fund. Marine Corps fund, accounting for.

* * * * *

FOR REPAIRS OF BARRACKS, MARINE CORPS: * * * For the renting, leasing, improvement, and erection of buildings in Porto Rico, the Philippine Islands, at Guam, * * *. Barracks and buildings—Porto Rico, Philippine Islands, Guam.

For "additions to barracks at New York, New York, fifteen thousand dollars." New York.

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Portsmouth. Additions to barracks at Portsmouth, New Hampshire, five thousand dollars.

Washington. Erection of a building for use of the band of the Marine Corps, and enlisted men's quarters at Headquarters, Washington, District of Columbia, four thousand five hundred dollars.

League Island. Erection of new barracks of fireproof material at League Island, Pennsylvania, one hundred thousand dollars.

Mare Island. Increasing the size and capacity of the naval prison, Mare Island Navy-Yard, California, fifteen thousand dollars.

Sitka. Erection of officers' quarters at Sitka, Alaska, one thousand dollars, and the unexpended appropriation of two thousand five hundred dollars authorized in Act of June tenth, eighteen hundred and ninety-six, is hereby reappropriated for the erection of officers' quarters at Sitka, Alaska.

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Sewer system, Mare Island. CONTINGENT, MARINE CORPS: * * * *Provided*, That four thousand two hundred dollars * * * shall be applied to the restoration of the sewer system for the Marine Barracks, Mare Island.

INCREASE OF THE NAVY.

That for the purpose of further increasing the naval establishment of the United States, the President is hereby authorized to have constructed by contract two

Two battleships. seagoing battle ships, carrying the heaviest armor and most powerful ordnance for vessels of their class, upon a trial displacement of about thirteen thousand five hundred tons, and to have the highest practicable speed and great radius of action, and to cost, exclusive of armor and armament, not exceeding three million six hun-

Three armored cruisers. dred thousand dollars each; three armored cruisers of about thirteen thousand tons trial displacement, carrying the heaviest armor and most powerful ordnance for vessels of their class, and to have the highest practicable speed and great radius of action, and to cost, exclusive of armor and armament, not exceeding four million two

Three protected cruisers. hundred and fifty thousand dollars each; and three protected cruisers of about eight thousand tons trial displacement, carrying the most powerful ordnance for vessels of their class and to have the highest speed compatible with good cruising qualities, and great radius of action, and to cost, exclusive of armament, not exceeding two million eight hundred thousand dollars each; and the contract for the construction of each of said vessels shall be awarded by the Secretary of the Navy to the lowest best responsible bidder, having in view the best results and most expeditious delivery; and not more than two of the vessels herein provided for shall be built in

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one yard or by one contracting party; and in the construction of all said vessels all the provisions of the Act of March third, eighteen hundred and ninety-nine, entitled "An Act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred, and for other purposes," shall be observed and folllowed; and subject to the provisions hereinafter made, two and not more than two of the aforesaid vessels shall be built on or near the coast of the Pacific Ocean, or in the waters connecting therewith: *Provided*, That if it shall appear to the satisfaction of the President from the biddings for such contracts, when the same are opened and examined by him, that said vessels, or any of them, can not be constructed on or near the coast of the Pacific Ocean at a cost not exceeding four per centum above the lowest accepted bid for the other vessels provided for in this Act, he shall authorize the construction of said vessels, or either of them, elsewhere in the United States, subject to the limitations as to cost hereinbefore provided.

Construction and machinery.

CONSTRUCTION AND MACHINERY: On account of the hulls and outfits of vessels and steam machinery of vessels heretofore authorized, twelve million seven hundred and forty thousand six hundred and ninety-nine dollars.

Armor and armament.

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for the vessels authorized by act of March second, eighteen hundred and ninety-five; for those authorized by the act of June tenth, eighteen hundred and ninety-six; for those authorized by the act of March third, eighteen hundred and ninety-seven; for those authorized by the act of May fourth, eighteen hundred and ninety-eight; for those authorized by the act of March third, eighteen hundred and ninety-nine, and for those authorized by this act, four million dollars: *Provided*, That the Secretary of the Navy is hereby authorized to procure by contract armor of the best quality for any or all vessels above referred to, provided such contracts can be made at a price which in his judgment is reasonable and equitable; but in case he is unable to make contracts for armor under the above conditions, he is hereby authorized and directed to procure a site for and to erect thereon a factory for the manufacture of armor, and the sum of four million dollars is hereby appropriated toward the erection of said factory.

Armor factory, provision for.

Five submarine torpedo boats.

The Secretary of the Navy is hereby authorized and directed to contract for five submarine torpedo boats of the Holland type of the most improved design, at a price not to exceed one hundred and seventy thousand dollars each: *Provided*, That such boats shall be similar in dimensions to the proposed new Holland, plans and specifications of which were submitted to the Navy Department by the Holland Torpedo Boat Company November twenty-third, eighteen hundred and ninety-nine.

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The said new contract and the submarine torpedo boats covered by the same are to be in accordance with the stipulations of the contract of purchase made April eleventh, nineteen hundred, by and between the Holland Torpedo Boat Company, represented by the Secretary of said company, the party of the first part, and the United States, represented by the Secretary of the Navy, the party of the second part.

EQUIPMENT: Toward the completion of the equipment outfit of the new vessels heretofore authorized, four hundred thousand dollars.

Approved, June 7, 1900.

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[PUBLIC—No. 157.]

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and two, and for other purposes.

[Provision is made for the Naval Establishment, and under the headings—]

PAY OF THE NAVY.

A provision: "* * * Fifty thousand dollars is hereby made immediately available for pay of additional men and warrant machinists: *Provided*, That officers of the Navy, and officers and enlisted men of the Marine Corps, who have been detailed, or may hereafter be detailed, for shore duty in Alaska, the Philippine Islands, Guam, or elsewhere beyond the continental limits of the United States, shall be considered as having been detailed for "shore duty beyond seas," and shall receive pay accordingly, with such additional pay as may be provided by law for service in island possessions of the United States.

Officers, duty in Alaska and Philippines, pay for.

"That the advancement in rank of officers of the Navy and Marine Corps, whensoever made, for service rendered during the war with Spain, pursuant, respectively, to the provisions of sections fifteen hundred and six and sixteen hundred and five of the Revised Statutes, shall not interfere with the regular promotion of officers otherwise entitled to promotion, but officers so advanced, by reason of war service, shall, after they are promoted to higher grades, be carried thereafter as additional to the numbers of each grade to which they may at any time be promoted; and each such officer shall hereafter be promoted in due course, contemporaneously with and to take rank next after the officer immediately above him; and all advancements made by reason of war service shall be appropriately so designated upon the official Navy list: *Provided, however*, That no promotion shall be made to fill a vacancy occasioned by the promotion, retirement, death, resignation, or dismissal of any officer who, at the time of such promotion, retirement, death, resignation, or dismissal, is an additional member of his grade under the foregoing provisions."

Advancement in rank.

Promotions of.

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BUREAU OF NAVIGATION.

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To reimburse the appropriation "Naval training station, California, nineteen hundred and one," for the cost

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of securing a supply of fresh water from Oakland, California, six thousand four hundred and fifty-nine dollars and thirty-two cents, to be immediately available.

* * * * *

Civilian lecturers at War College.

For the services of a lecturer on international law, one thousand dollars; for the services of civilian lecturers from universities and colleges rendered at the War College, six hundred dollars, and for the purchase of books of reference, four hundred dollars; in all, two thousand dollars.

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BUREAU OF ORDNANCE.

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Gun factory workshop.

For "new and improved machinery for existing shops of the naval gun factory at the Washington Navy-Yard, fifty thousand dollars."

For new and improved machinery for the proposed new workshop at the Washington Navy-Yard, estimated for by the Bureau of Yards and Docks, one hundred thousand dollars.

Coal machinery.

For automatic coal-conveying machinery and apparatus complete for the boiler-house stokers at the naval gun factory, nine thousand eight hundred and forty-nine dollars.

Forge shop.

For equipment of the forge shop at the naval gun factory after extension and remodeling, as estimated for by the Bureau of Yards and Docks, including twenty-five ton crane and runways, steam hammer, small hammers, piping, wiring, and motors, forty thousand dollars.

Workshops.

Tools, machinery, and motive power for ordnance workshops and gun-carriage buildings at the navy-yard, Mare Island, California, twenty-four thousand dollars.

Battery for Baltimore.

For new and improved battery for the Baltimore, one hundred and seventy-five thousand dollars.

* * * * *

Marine Corps.

For arms and equipment of United States Marine Corps: "For small arms, machine and rapid-fire guns, accouterments, and ammunition therefor, for use of the United States Marine Corps, one hundred thousand dollars."

Naval proving ground.

NAVAL PROVING GROUND: For the purchase of additional land for the naval proving ground at Indian Head, twenty-five thousand dollars.

Ammunition lighter.

NAVAL STATION, PUGET SOUND, WASHINGTON: For purchase of an ammunition lighter for ordnance purposes at the naval station, Puget Sound, eighteen thousand dollars.

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BUREAU OF EQUIPMENT.

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DEPOTS FOR COAL:

A Provision: To enable the Secretary of the Navy "to acquire land for a naval station and harbor and channel defense at Pearl Harbor, Hawaii, * * *." Pearl Harbor Naval Station.

For maintenance of colliers, nineteen hundred and two: "For pay, transportation, shipping, and subsistence of civilian officers and crews of naval colliers, and all expenses connected with naval colliers employed in emergencies which can not be paid from other appropriations, three hundred and fifty thousand dollars." Colliers, maintenance of.

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PUBLIC WORKS, BUREAU OF YARDS AND DOCKS, NAVY-YARDS AND STATIONS, NAVAL ACADEMY, AND NEW NAVAL OBSERVATORY.

NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: Quay wall, to extend, fifty thousand dollars; grading, to continue, twenty-five thousand dollars; railroad and rolling stock, additions, ten thousand dollars; sewer systems, extensions, nine thousand dollars; water systems, extensions, six thousand dollars; latrines, two thousand dollars; extension of office building for construction and repair, and for fireproof construction, twenty thousand dollars; floating derrick, twenty thousand dollars; coal storage at electric and dry dock plants, ten thousand dollars; repairing reservoir and cleaning ponds, two thousand dollars; reconstructing building numbered sixty for boat shop and storage, seventy thousand dollars; improvement to ship-fitters' shop, numbered forty-five, twenty thousand dollars; coal storage near building numbered forty-six, eight thousand five hundred dollars; storehouse for general supplies (to cost not more than one hundred and fifty thousand dollars, for which contract is hereby authorized), seventy-five thousand dollars; office building for steam engineering, fifteen thousand dollars; elevators in storehouses numbered one and two, eight thousand dollars; improvements to ordnance building numbered twenty-two, ten thousand eight hundred and fifty dollars; tools for yards and docks, two thousand dollars; elevator, shelves, and so forth, for yard dispensary, five hundred dollars; to enable the Secretary of the Navy to prepare specifications and obtain proposals from responsible contractors for removing Henderson's Point, so as to improve the approach to the navy-yard at Portsmouth, New Hampshire, to a depth of not exceeding thirty-five feet below mean low water for a distance of not exceeding three hundred and fifty feet, the proposals to be submitted to Congress at its next ses- Portsmouth.

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sion, one thousand dollars; in all, three hundred and sixty-four thousand eight hundred and fifty dollars.

Boston. NAVY-YARD, BOSTON, MASSACHUSETTS: Ship-fitters' shop, toward completion, fifty thousand dollars; metal workers' shop toward completion, fifty thousand dollars; refitting and improving machine shop numbered one, building forty-two, to complete, fifty thousand dollars; new piers and wharves, twenty-five thousand dollars; paving, twenty-five thousand dollars; dredging, twenty-five thousand dollars; electric elevators, ten thousand dollars; smithery for construction and repair, toward completion, fifty thousand dollars; fire-protection system, fifty-two thousand dollars; sawmill and spar shed (to cost not more than two hundred thousand dollars, for which contract is hereby authorized), seventy-five thousand dollars; repairs to large chimney, building numbered forty-two, eight thousand dollars; water-closets for building numbered forty-two, two thousand five hundred dollars; coal storage for steam engineering, five thousand dollars; central heating system, thirty-five thousand dollars; water system, extensions, ten thousand dollars; sewer system, extensions, five thousand dollars, electric-light plant, extensions, six thousand dollars; railroad system, extensions, six thousand dollars; coal-storage and coal-handling plant, extensions, thirty-five thousand dollars; extension of naval prison, to be immediately available, twenty-six thousand five hundred dollars; in all, navy-yard, Boston, five hundred and fifty-one thousand dollars.

New York. NAVY-YARD, NEW YORK, NEW YORK: Reconstructing building numbered twenty-one for boathouse, to complete, to be immediately available, eighty-five thousand dollars; paving and grading, twenty thousand dollars; granite and concrete dry dock, to continue, three hundred thousand dollars; fire-protection system, sixty thousand dollars; dredging, twenty-five thousand dollars; coal-storage and coal-handling plant, one hundred thousand dollars; railroad system, extensions, fifteen thousand dollars; piers on Cob Dock, eighty-eight thousand dollars; ordnance storehouse on Cob Dock, ninety thousand dollars; slip for ordnance, Cob Dock, fifty thousand dollars; elevator and stair railings, oil storehouse numbered one hundred and twenty, three thousand five hundred dollars; electric motors for building numbered two, two thousand five hundred dollars; extending building numbered twenty-three, thirty thousand dollars; reconstructing building numbered nineteen (to cost not more than one hundred and eighty-five thousand dollars, for which contract is hereby authorized), one hundred thousand dollars; quay wall, Cob Dock, extension, forty thousand dollars; in all, navy-yard, New York, New York, one million and nine thousand dollars.

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NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: Extension of reserve basin, to continue dredging, fifty thousand dollars; electrical workshop and storehouse for equipment, to complete, to be immediately available, thirty-three thousand dollars; to continue retaining wall about reserve basin, fifty thousand dollars; grading and paving, fifteen thousand dollars; machine shop for steam engineering, to complete, seventy-five thousand dollars; foundry and coppersmith shop for steam engineering, to complete, fifty-eight thousand dollars; boiler and blacksmith shop for steam engineering, to complete, fifty-eight thousand dollars; plumbers and coppersmiths' shop and foundry for construction and repair, to complete, forty-three thousand eight hundred and eighty dollars; block, cooper, and spar shops for construction and repair, to complete, fifty-three thousand four hundred dollars; extension of pier numbered two, fifty-nine thousand dollars; storehouse for naval supplies (to cost not more than two hundred and twenty-four thousand six hundred and forty dollars, for which contract is hereby authorized), seventy-five thousand dollars; workshop and boiler house for ordnance, to extend, forty-two thousand dollars; equipment for railroad, ten thousand dollars; sewers, eight thousand five hundred dollars; roadway and retaining wall at yard entrance, twenty-five thousand dollars; heating apparatus for building numbered eight, four thousand eight hundred dollars; railroad-track scales, three thousand four hundred dollars; extension of sea wall, eleven thousand dollars; parapet in front of officers' quarters, three thousand dollars; electric elevators, seven thousand two hundred and fifty dollars; outbuildings and fences, officers' quarters, two thousand dollars; garbage-incinerating plant, eight thousand dollars; in all, navy-yard, League Island, six hundred and ninety-five thousand two hundred and thirty dollars. League Island.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: Paving, twenty-five thousand dollars; underground conduit system, to complete, twenty-two thousand dollars; electric-light plant, to extend, twenty thousand dollars; miscellaneous shop for ordnance, eighty-six thousand three hundred dollars; seamen gunners' shop, forty thousand dollars; alterations and new roof, ordnance boiler house, forty-two thousand six hundred dollars; fireproof storage for fuses, acids, paints, and so forth, nine thousand dollars; extension and remodeling of forge shop, seventy-three thousand three hundred and ten dollars; in all, navy-yard, Washington, three hundred and eighteen thousand two hundred and ten dollars. Washington.

NAVY-YARD, NORFOLK, VIRGINIA: Concrete and granite dry dock, to continue, three hundred thousand dollars; paving and grading, to continue, fifteen thousand dollars; sewers, five thousand dollars; quay wall for fitting- Norfolk.

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out basin, to continue, seventy-five thousand dollars, to be immediately available; mooring slips at Saint Helena, forty thousand dollars; locomotive crane track, renewing, fifteen thousand dollars; railroad tracks, ten thousand dollars; alterations in plumbers' shop, building numbered nine, ten thousand dollars; machinery and tools for yards and docks, two thousand dollars; railroad rolling stock, three thousand dollars; telephone system, one thousand dollars; pattern shop and storehouse, thirty thousand dollars; bridge between buildings numbered thirty-two and thirty-three, seven hundred and sixty dollars; fireproof shed for painting and storage of canvas, five thousand dollars; shops and storehouse for equipment, eighty thousand dollars; anchor park, two thousand five hundred dollars; in all, navy-yard, Norfolk, Virginia, five hundred and ninety-four thousand two hundred and sixty dollars.

Key West. NAVAL STATION, KEY WEST, FLORIDA: Storehouse for supplies and accounts, sixty thousand dollars; storehouse for oils, turpentine, and so forth, five thousand dollars; smith shop, for steam engineering, eight thousand dollars; elevated tank for storing fresh water, six thousand dollars; filling, grading, and fencing, ten thousand dollars; quay wall, fifty thousand dollars; fire-protection system, five thousand dollars; in all, naval station, Key West, one hundred and forty-four thousand dollars.

Mare Island. NAVY-YARD, MARE ISLAND, CALIFORNIA: Joiner shop for construction and repair, to complete, fifty thousand dollars; to continue quay wall, fifty thousand dollars; to continue dredging, fifty thousand dollars; paving, twenty-five thousand dollars; sewers and closets, five thousand dollars; storage shed for yards and docks, extension, five thousand dollars; storehouse for supplies and accounts, extension, forty thousand dollars; extension and renewal of railroad, five thousand dollars; offices for yards and docks, two thousand dollars; fire-protection system, forty-two thousand dollars; floor for building numbered fifty-two, five thousand dollars; improvements to forty-ton crane, three thousand dollars; drill room at receiving ship, nine thousand dollars; fence at northern end of yard, three thousand five hundred dollars; shelter roof for boats, improvements to, three thousand one hundred dollars; laboratory in building numbered fifty-one, one thousand five hundred dollars; new floor for building numbered fifty-tree, two thousand dollars; improvements to building numbered sixty-nine, one thousand and fifty dollars; improvements to building numbered seventy-one, three thousand eight hundred and sixty dollars; testing room for construction and repair, six hundred and fifty dollars; pumping and fire boat, twenty-five thousand dollars; in all, navy-yard, Mare Island, three hundred and thirty-one thousand six hundred and sixty dollars.

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NAVAL STATION, PUGET SOUND, WASHINGTON: Sewers, extensions, four thousand dollars; to continue grading, twenty thousand dollars; coal shed and appliances, seventy-five thousand dollars; sick quarters, seven thousand dollars; carpenter and joiner shop for yards and docks, ten thousand dollars; machinery for carpenter and joiner shop, three thousand dollars; extension of dry dock boiler plant, twenty thousand dollars; stable and tool shed, six thousand five hundred dollars; fire-protection system, ten thousand dollars; electric-light plant, extensions, five thousand dollars; telephone system, extensions, three thousand dollars; railroad and equipment, extensions, two thousand dollars; clearing and stumping, five thousand dollars; roadway about dry dock, six thousand dollars; dolphins, one thousand dollars; new skylight for construction and repair shop, four thousand dollars; joiner shop for construction and repair, seventy thousand dollars; water-closets and wash room for steam engineering, two thousand dollars; floor for steam-engineering shop, ten thousand dollars; storehouse for high explosives, ordnance, five thousand dollars; wharf crane for ordnance, one thousand five hundred dollars; quarters for gunner, three thousand dollars; in all, naval station, Puget Sound, Washington, two hundred and seventy-three thousand dollars. Puget Sound.

NAVAL STATION, SAN JUAN, PORTO RICO: Coaling facilities, extensions, forty thousand dollars. San Juan.

NAVY-YARD, PENSACOLA, FLORIDA: Motor for building numbered nine, one thousand five hundred dollars; extension of permanent wharf, fifteen thousand dollars; coal-storage plant, increase, twenty-five thousand dollars; in all, navy-yard, Pensacola, forty-one thousand five hundred dollars. Pensacola.

NAVAL STATION, ALGIERS, LOUISIANA: Shops and offices for equipment, eighty thousand dollars; coal-storage plant, one hundred and fifty thousand dollars; for purchase of land, one hundred thousand dollars; in all, naval station, Algiers, three hundred and thirty-thousand dollars: *Provided*, That the Secretary of the Navy may, if he deems it for the best interests of the United States, proceed and acquire title to the land herein authorized to be purchased by condemnation thereof, by judicial proceedings to be commenced in the appropriate circuit court of the United States, which court shall, for the purpose of ascertaining the true value of the said land and buildings, appoint three commissioners, who shall be competent and disinterested appraisers, and all the proceedings for the condemnation aforesaid shall be in accordance, except as herein provided, with the act of Congress of August first, eighteen hundred and eighty-eight, entitled "An act to authorize condemnation of land for sites of public buildings, and for other purposes." Algiers.

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Dry Tortugas.

DREDGING, DRY TORTUGAS, FLORIDA: Dredging channel, one hundred thousand dollars.

FOUR DRY DOCKS: Toward completion of dry docks at navy-yards: Portsmouth, New Hampshire; Boston, Massachusetts; League Island, Pennsylvania, and Mare Island, California, one million dollars.

Pearl Harbor.

NAVAL STATION, HAWAII: Machine shop, fifty thousand dollars; smithery and foundry, twenty-five thousand dollars; commandant's house and stables, fifteen thousand dollars; extending office building, three thousand dollars; cottage for watchman, two thousand five hundred dollars; grading and fencing, ten thousand dollars; ten-ton wharf crane, eight hundred dollars; water-pipe system, one thousand dollars; in all, naval station, Hawaii, one hundred and seven thousand three hundred dollars.

Tutuila.

NAVAL STATION, TUTUILA: Coal-storage plant, extensions, two hundred thousand dollars; grading, twenty-five thousand dollars; in all, naval station, Tutuila, two hundred and twenty-five thousand dollars.

Charleston.

NAVAL STATION, CHARLESTON, SOUTH CAROLINA: Dry dock, authorized by act of June seventh, nineteen hundred, which shall be of concrete and stone, to cost not more than one million two hundred and fifty thousand dollars, for which contract is hereby authorized, one hundred and fifty thousand dollars; and all appropriations for public works at the naval station, Port Royal, made prior to the act of June seventh, nineteen hundred, which have not been expended are hereby authorized to be expended for the transfer of such station to and the construction of public works at the naval station, Charleston, South Carolina, in the discretion of the Secretary of the Navy.

* * * * *

Additional draftsmen, etc.

The Secretary of the Navy may employ and pay out of appropriations for "Public Works, Navy-Yards, and Stations," such additional expert aids, draftsmen writers, and copyists as may be necessary for the preparation of plans and specifications.

Porto Rico, naval station, location of.

The Secretary of the Navy is hereby directed to have the coast and the waters of the island of Porto Rico examined into and to report to the next Congress upon the advisability of establishing a United States naval station on said coast; the most suitable place for the same, considering, among other things, the topographical and strategic situation of this island with reference to the United States and the proposed Nicaragua Canal, and the estimated immediate cost of the same.

Naval station, Philippines, location of.

The Secretary of the Navy is hereby directed to have the coast and the waters of the Philippine Islands examined into and to report to the next Congress upon the advisability of establishing a United States naval station on said coast and the most suitable place for the same.

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For establishing and marking the boundary line of the property of the Government on Blythe Island, in the State of Georgia, to lay out a rifle range upon the same, and construct a boat landing, two thousand dollars; and the Secretary of the Navy is hereby directed to report to the next Congress as to the condition and extent of any Government property at said Blythe Island, Georgia; whether the title to the same is good, and whether it is adapted to the necessary wants of the Navy Department. Rifle range, Blythe Island.

PUBLIC WORKS—BUREAU OF NAVIGATION.

NAVAL ACADEMY: Buildings and grounds, Naval Academy: Toward the construction of buildings, and for other necessary improvements, at the Naval Academy, Annapolis, Maryland, as authorized by the act of Congress approved June seventh, nineteen hundred, and in accordance with the plans approved by the Secretary of the Navy, nineteen hundred, three million dollars. Naval Academy.

Provided, That the Secretary of the Navy may, if he deems it for the best interests of the United States, proceed and acquire title to the land and buildings authorized to be purchased under the act of Congress approved June seventh, nineteen hundred, by condemnation thereof by judicial proceedings to be commenced in the appropriate circuit court of the United States, which court shall, for the purpose of ascertaining the true value of the said land and buildings, appoint three commissioners, who shall be competent and disinterested appraisers, and all the proceedings for the condemnation aforesaid shall be in accordance, except as herein provided, with the act of Congress of August first, eighteen hundred and eighty-eight, entitled "An act to authorize condemnation of land for sites of public buildings, and for other purposes." Land, purchase of.

NAVAL TRAINING STATION, CALIFORNIA (BUILDINGS): Swimming tank, four thousand five hundred dollars; revetting main road, one thousand five hundred dollars; in all, six thousand dollars. Naval training station, California.

NAVAL TRAINING STATION, RHODE ISLAND (BUILDINGS): Extending and completing breakwater and sea wall, and filling in in front of new barracks, to be immediately available, nineteen thousand five hundred dollars; making roads and sidewalks, and paving approaches to new barracks, four thousand seven hundred dollars; coal shed and coal-handling appliances, three thousand five hundred dollars; reclaiming bay at south end of island, building sea wall, and repairing sea wall, and repairing and extending wharf, seven thousand nine hundred dollars; for erection of a house and necessary appurtenances over swimming tank, now under construction for apprentices, to be immediately available, three thousand five hundred dollars; for extending capacity of storehouse to include fireproof oil rooms fitted with steel storage tanks, and

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to outfit building with lighting, plumbing, and heating systems and fireproof shelving, partitions, and lockers, to be immediately available, nine thousand eight hundred and seventy dollars; reclaiming two stagnant water basins and leveling bank near the hospital, three thousand two hundred dollars; in all, naval training station, Rhode Island, fifty-two thousand one hundred and seventy dollars.

In all, "Public Works, Bureau of Navigation," three million fifty-eight thousand one hundred and seventy dollars.

PUBLIC WORKS—BUREAU OF ORDNANCE.

Naval magazines, Iona Island.

NAVAL MAGAZINE, IONA ISLAND, NEW YORK: For additional buildings, extension of railroad to northwestern end of island, grading, sea wall, and general improvements, one hundred thousand dollars.

Dover.

Naval magazine, Dover, New Jersey: Improvements at the naval magazine, Dover, New Jersey, including a fixed-ammunition house, a shell house, clearing and grading land, road building, and general improvements, including a compressed-air plant and air locomotive, sixty-five thousand dollars.

Fort Mifflin.

Naval magazine, Fort Mifflin, Pennsylvania: For one magazine and one shell house at the naval magazine, Fort Mifflin, Pennsylvania, with track connections, lightning conductors, and the necessary appurtenances, fifty-six thousand dollars.

Norfolk.

Naval magazine, Norfolk, Virginia: For improvements at the naval magazine, Saint Juliens Creek, near Norfolk, Virginia, namely: Shell house, store or issuing house, wharf, derrick, lightning conductors, cistern, railroad extension, grading, concreting, and other necessary objects to properly complete the work, sixty thousand five hundred dollars.

Torpedo station.

Naval torpedo station, Newport, Rhode Island: One administration building for use in instruction of classes of enlisted men and officers, to contain offices, lecture rooms, overhauling room, and storeroom for torpedoes, to be immediately available, twenty-five thousand dollars; in all, naval torpedo station, Newport, Rhode Island, twenty-five thousand dollars.

Proving ground.

Naval proving ground, Indian Head, Maryland: One building for chronograph and record office, four thousand dollars; one building for surgeon's office and dispensary, and equipment of same, seven thousand six hundred dollars; in all, naval proving ground, Indian Head, eleven thousand six hundred dollars.

In all, public works, Bureau of Ordnance, three hundred and eighteen thousand one hundred dollars.

Naval Observatory.

NAVAL OBSERVATORY: For grounds and roads: Continuing grading, extending roads and paths, clearing and improving grounds, ten thousand dollars; for the purchase of lands lying within the Observatory circle, as

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established by the joint resolution of August first, eighteen hundred and ninety-four, one hundred and forty-nine thousand five hundred and seventy-one dollars and eight cents; and the Secretary of the Navy is authorized to sell, at such time and in such manner as may be most advantageous, but at prices not less than those fixed in eighteen hundred and ninety-four, by the board of appraisers of which John W. Ross was chairman, such lands of the Naval Observatory reservation as are situated without the limits of said circle.

Board of Visitors.

For the expenses of the board of visitors to the Naval Observatory, two thousand dollars. There shall be appointed by the President, by and with the advice and consent of the Senate, from persons not officers of the United States a board of six visitors to the Naval Observatory, four to be astronomers of high professional standing and two to be eminent citizens of the United States. Appointments to this board shall be made for periods of three years, but provision shall be made by initial appointments for shorter terms so that two members shall retire in each year. Members of this board shall serve without compensation, but the Secretary of the Navy shall pay the actual expenses necessarily incurred by members of the board in the discharge of such duties as are assigned to them by the Secretary of the Navy or are otherwise imposed upon them. The board of visistors shall make an annual visitation to the Observatory at a date to be determined by the Secretary of the Navy, and may make such other visitations not exceeding two in number annually by the full board or by a duly appointed committee as may be deemed needful or expedient by a majority of the board. The board of visitors shall report to the Secretary of the Navy at least once in each year the result of its examinations of the Naval Observatory as respects the condition of buildings, instruments, and apparatus, and the efficiency with which its scientific work is prosecuted, and shall also report as respects the expenditures in the administration of the Observatory. The board of visitors shall prepare and submit to the Secretary of the Navy regulations prescribing the scope of the astronomical and other researches of the Observatory and the duties of its staff with reference thereto. When an appointment or detail is to be made to the office of astronomical director, director of the Nautical Almanac, astronomer, or assistant astronomer, the board of visitors may recommend to the Secretary of the Navy a suitable person to fill such office, but such recommendation shall be determined only by the majority vote of the members present at a regularly called meeting of the board held in the city of Washington. The Superintendent of the Naval Observatory shall be, until further legislation by Congress, a line officer of the Navy of a rank not below that of captain.

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BUREAU OF MEDICINE AND SURGERY.

* * * * *

Naval hospital, Newport, improvements.

For naval hospital, Newport, Rhode Island: "Filling pond, grading grounds, and additional appropriation for addition to naval hospital at naval training station, Newport, Rhode Island, twenty thousand dollars, to be immediately available."

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BUREAU OF CONSTRUCTION AND REPAIR.

* * * * *

Naval station, Philippines, location of.

The Secretary of the Navy is hereby directed to have the coast and the waters of the Philippine Islands examined into and to report to the next Congress upon the advisability of establishing a United States naval station on said coast and the most suitable place for the same.

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STEAM ENGINEERING.

* * * * *

Machinery plants: League Island.

MACHINERY PLANT: Navy-yard, League Island, Pennsylvania: To equip the entire new system of steam engineering shops, being constructed under appropriation made to the Bureau of Yards and Docks, for building and repairing modern marine machinery, including the power plant and necessary machine tools, cranes, and appliances for handling work, to cost not more than two hundred and thirty thousand dollars, one hundred thousand dollars.

Mare Island.

MACHINERY PLANT: Navy-yard, Mare Island, California: To equip the entire new system of steam engineering shops being constructed under appropriation made to the Bureau of Yards and Docks, for building and repairing modern marine machinery, including the power plant and necessary machine tools, cranes, and appliances for handling work, to cost not more than one hundred and eighty thousand dollars, one hundred thousand dollars.

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NAVAL ACADEMY.

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Special course of study for cadets.

For special course of study and training of naval cadets, * * *. For the purchase or construction of catboats for the special instruction of cadets, * * *.

REPAIRS, NAVAL ACADEMY: * * *. For "temporary quarters and recitation rooms for cadets, * * *."

Warrant officers, appointment of, as ensigns.

Provided, "whenever, in view of the vacancies in the grade of ensign on July thirtieth of any year unfilled by graduates of the Naval Academy, the Secretary of the Navy shall so recommend, the President may appoint to

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that grade, as of July thirtieth, from among the boatswains, gunners, or warrant machinists, not exceeding six in any one calendar year. No person shall be so appointed who is over thirty-five years of age; who has served less than six years as a warrant officer; who is not recommended by a commanding officer under whom he has served; nor until he shall have passed such competitive examination as may be prescribed by the Navy Department."

MARINE CORPS.

PROVISIONS, MARINE CORPS: * * * *Provided*, That when it is impracticable or the expense is found greater to supply marines serving on shore duty in the island possessions and on foreign stations with the army ration, such marines may be allowed the navy ration or commutation therefor. Navy rations issued to.

* * * * *

Construction of marine barracks on the land attached to the Naval Academy, Annapolis, Maryland, seventy-five thousand dollars. Marine barracks and construction work.

Construction of commanding officer's and junior officers' quarters on the land attached to the Naval Academy, Annapolis, Maryland, ten thousand dollars. Naval Academy.

Construction of fireproof buildings for offices, headquarters Marine Corps, Washington, District of Columbia, fifty thousand dollars. Washington.

Construction of a marine barracks and officers' quarters at the naval station, Algiers, Louisiana, fifteen thousand dollars. Algiers, La.

Construction of a boiler house, lavatory, and connecting bridge, installation of steam heat, and addition of a third story over two wings of marine barracks, navy-yard, Brooklyn, New York, twenty-eight thousand dollars. Brooklyn.

* * * * *

That hereafter the enlistments into the Marine Corps shall be for a period of not less than four years. Enlistment, length of.

INCREASE OF THE NAVY.

That, for the purpose of further increasing the naval establishment of the United States, in accordance with the latest improvements in the construction of ships and the production of armor and armament therefor, the Secretary of the Navy is hereby directed to prepare the plans and specifications of two seagoing battle ships and two armored cruisers, carrying the most suitable armor and armament for vessels of their class, and to submit to Congress a general description of such battle ships and cruisers on the first Monday in December next; and said Secretary, in preparing said plans and description, shall review and further consider the questions whether said Two battleships and two armored cruisers.

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ships should be sheathed or unsheathed; what should be the weight and extent of the armor therefor; what should be the form and location of the turrets; whether any changes should be made in the number and kind of guns of the various sizes heretofore constituting the armament of similar ships; what, if any, torpedo tubes should be built into large ships; to what extent electricity should be used for auxiliary purposes, and all other questions which have arisen and are now pending among naval architects and ordnance experts concerning the construction of battle ships and cruisers under modern conditions; and said Secretary shall, to such an extent as he may deem expedient, report to Congress in connection with said description his opinion upon the foregoing questions; and the Secretary of the Navy is hereby authorized to exercise his discretion as to the sheathing and coppering of naval vessels herein and heretofore authorized to be built.

Penalties remitted on Ericsson.

That the Secretary of the Navy is hereby authorized and directed to remit to the Iowa Iron Works, of Dubuque, Iowa, the time penalties exacted by the Navy Department under the contract with said company for the construction of the torpedo boat Ericsson, the Government having suffered no damage by the delay in the construction, and a sum sufficient for that purpose is hereby appropriated, out of any money in the Treasury not otherwise appropriated, not exceeding, however, the sum of seventeen thousand two hundred and twenty-five dollars.

Construction and machinery.

CONSTRUCTION AND MACHINERY: On account of the hulls and outfits of vessels and steam machinery of vessels heretofore authorized, twenty-one million dollars.

Armor and armament.

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for the vessels authorized by the act of June tenth, eighteen hundred and ninety-six; those authorized by the act of March third, eighteen hundred and ninety-seven; for those authorized by the act of May fourth, eighteen hundred and ninety-eight; for those authorized by the act of March third, eighteen hundred and ninety-nine, and for those authorized by the act of June seventh, nineteen hundred, four million dollars.

Equipment.

EQUIPMENT: Toward the completion of the equipment outfit of the new vessels heretofore authorized, four hundred thousand dollars.

Assignments to command, classification of vessels and rules governing.

That the President of the United States be, and he is hereby, authorized to establish, and from time to time to modify, as the needs of the service may require, a classification of vessels of the Navy, and to formulate appropriate rules governing assignments to command of vessels and squadrons.

Approved, March 3, 1901.

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FIFTY-SEVENTH CONGRESS, FIRST SESSION—JULY 1, 1902.

[PUBLIC—No. 234.]

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and three, and for other purposes.

[Provision is made for the Naval Establishment, and under the headings—]

CONTINGENT, NAVY: * * *. Provides "that the unexpended balance of the appropriation of ten thousand dollars made in the act approved June seventh, nineteen hundred, to enable the Secretary of the Navy, in his discretion, to cause to be transported to their homes the remains of officers and enlisted men of the Navy and Marine Corps who die or are killed in action, ashore or afloat, outside of the continental limits of the United States, be, and the same is hereby, made available until used.

Transportation of remains of officers and enlisted men.

EMERGENCY FUND, NAVY DEPARTMENT.

* * * *Provided*, That the accounting officers of the Treasury are hereby authorized and directed to allow, in the settlement of the accounts of disbursing officers involved, payments made under the appropriation "Emergency fund" to civilian employees appointed by the Navy Department for duty in and serving at naval stations maintained in the island possessions during the fiscal year nineteen hundred and two, and until such time as Congress shall make specific appropriation for the pay of such employees.

Civilian employees, pay of, in island possessions.

The Secretary of the Navy, in his discretion, is authorized to pay all civilian employees appointed for duty in the Philippine, Hawaiian, and Samoan islands, the island of Guam, and the island of Porto Rico, from the date of their sailing from the United States until they report for duty to the officer under whom they are to serve, and while returning to the United States by the most direct route and with due expedition, a per diem compensation corresponding to their pay while actually employed; and in cases where the appointee is not to fill an existing vacancy his pay while traveling may be charged to the annual appropriation of the bureau concerned.

BUREAU OF NAVIGATION.

* * * * *

For outfits on first enlistment: "Outfits for all enlisted men of the Navy on first enlistment, other than

Outfits for enlisted men.

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naval apprentices, hospital apprentices, and landsmen under training for seamen, three thousand men, at forty-five dollars each, one hundred and thirty-five thousand dollars."

* * * * *

Naval training station on Great Lakes.

For naval training station, Great Lakes: "The Secretary of the Navy is hereby directed to appoint a board, composed of naval officers, whose duty it shall be to select on the Great Lakes a suitable site for an additional naval training station, and, having selected such site, if upon private lands, to estimate its value and ascertain, as nearly as practicable, the cost for which it can be purchased or acquired, and of their proceedings and actions to make full and detailed report to the Secretary, who shall transmit such report with his recommendations thereon to Congress for its action. And to defray the expenses of said board the sum of five thousand dollars, or so much thereof as may be necessary, to be immediately available, is hereby appropriated, out of any moneys in the Treasury not otherwise appropriated.

Repairs.

NAVAL WAR COLLEGE, RHODE ISLAND: * * *. For "General repairs to woodwork, and so forth, minor alterations in quarters, and necessary renewals of furniture, two thousand six hundred dollars; installing lightning protection for college building, four hundred and forty-six dollars and twenty-five cents; * * *."

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: * * *.

Newark.

For "new and improved battery for the Newark, one hundred and seventy-five thousand dollars."

New Orleans. Albany.

New and improved batteries for the New Orleans and Albany, two hundred thousand dollars.

Miscellaneous improvements. New York.

Equipment of new storehouse already authorized on the ordnance dock at the New York Navy-Yard, including crane supports and runways, traveling crane, freight elevators, gun skids and appliances for handling guns, eleven thousand dollars.

Washington.

Erection of a steel-casting plant at the naval gun factory, Washington, District of Columbia, ten thousand dollars.

Equipments for the chemical and physical laboratory at the naval gun factory, Washington, District of Columbia, five thousand dollars.

Pensacola.

Purchase and installation of machine tools for ordnance purposes at the navy-yard, Pensacola, Florida, twelve thousand dollars.

Puget Sound.

Purchase and installation of machine tools and motive power in ordnance workshops already authorized at navy-yard, Puget Sound, Bremerton, Washington, fifty thousand dollars.

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RESERVE GUNS FOR SHIPS OF THE NAVY: The purchase and manufacture of reserve guns for ships of the Navy, two hundred and fifty thousand dollars. Reserve guns.

That the unexpended balance remaining in the Treasury on June thirtieth, nineteen hundred and two, from the appropriation "Ordnance and ordnance stores," nineteen hundred, or so much thereof as may be necessary, is hereby reappropriated and made available during the fiscal year ending June thirtieth, nineteen hundred and three, for expenditure in fulfillment of contracts heretofore made and properly chargeable to said appropriation. Unexpended balance of appropriation.

* * * * *

BUREAU OF EQUIPMENT.

* * * * *

DEPOTS FOR COAL: * * * *Provided*, That the accounting officers of the Treasury Department are hereby authorized and directed to allow, in the settlement of the accounts of disbursing officers of the Government, all expenditures heretofore made for land purchased for use as naval coal depots. Purchase of land for coal depots.

* * * * *

BUREAU OF YARDS AND DOCKS.

* * * * *

That the appointment of six additional civil engineers is hereby authorized, three to be appointed during the present calendar year, and the other three in the calendar year of nineteen hundred and three. Six additional civil engineers authorized.

PUBLIC WORKS, BUREAU OF YARDS AND DOCKS, NAVY-YARDS AND STATIONS, NAVAL ACADEMY, AND NEW NAVAL OBSERVATORY.

NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: Quay wall, to extend, seventy-five thousand dollars; grading, to continue, fifty thousand dollars; railroad and rolling stock, additions, ten thousand dollars; sewer systems, extensions, four thousand dollars; water systems, extensions, four thousand dollars; latrines, six thousand dollars; storehouse for general supplies, to complete, seventy-five thousand dollars; tools for yards and docks, four thousand dollars; locomotive crane and track, thirty-five thousand dollars; electric plant, extensions, twenty-five thousand dollars; telephone system, extensions, one thousand five hundred dollars; central heating plant, twenty-two thousand dollars; piers and slips, fifty thousand dollars, landing floats, one thousand eight hundred dollars; underground conduit system, to continue, twenty thousand dollars; office, drafting, and testing rooms for yards and docks, four thousand dollars; machine shop for Portsmouth.

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equipment, extension of, thirteen thousand seven hundred and seventy-five dollars; chain shed and rigging loft for equipment, fifty thousand dollars; machine shop for steam engineering, extension of, fifty thousand dollars; power house and stack for steam engineering, thirty-five thousand dollars; steel-plant building for construction and repair (to cost not to exceed one hundred and fifty thousand dollars), fifty thousand dollars; new floor in building numbered seven, thirty thousand dollars; elevator and fittings, machine shop for equipment, six thousand dollars; fire-protection system, to complete, fifty thousand dollars; to enable the Secretary of the Navy to make an examination concerning the fresh-water supply at the Portsmouth Navy-Yard, five hundred dollars, or so much thereof as may be needed, said examination to include a survey of the ponds which constitute the sources of the aqueduct, an ascertainment of the quality of the water, an inquiry as to its sufficiency for all future needs, and an estimate of the value of the aqueduct, dams, and ponds; and said Secretary shall consider the desirability of controlling, by purchase or otherwise, solely for the use of the Government, the whole water supply, and he shall make such recommendations on the subject as he may deem expedient to Congress at its next session; for the removal of Hendersons Point, near the navy-yard, Portsmouth, New Hampshire, in accordance with the project recommended in House Document Numbered Two hundred and forty-three, Fifty-seventh Congress, first session, two hundred thousand dollars, to be expended under the direction of the Secretary of the Navy: *Provided*, That a contract or contracts may be entered into by the Secretary of the Navy for such materials and work as may be necessary to prosecute said project, to be paid for as appropriations may from time to time be made by law, not to exceed in the aggregate five hundred and forty-nine thousand dollars, exclusive of the amounts herein and heretofore appropriated; in all, eight hundred and seventy-two thousand five hundred and seventy-five dollars.

Boston.

NAVY-YARD, BOSTON, MASSACHUSETTS: Ship-fitters' shop, to complete, fifty thousand dollars; metal workers' shop, to complete, fifty thousand dollars; piers and wharves, extensions, seventy-five thousand dollars; smithery for construction and repair, to complete, fifty thousand dollars; sawmill and spar shed, to complete, one hundred and twenty-five thousand dollars; water-closets for building numbered forty-two, additional, two thousand five hundred dollars; water system, extensions, ten thousand dollars; sewer system, extensions, ten thousand dollars; electric-light plant, extensions, ten thousand dollars; extension of naval prison, sixty thousand dollars; electric crane, steam engineering brass foundry, ten thousand dollars; culvert between dry docks, forty-

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one thousand two hundred dollars; forty-ton locomotive crane, forty thousand dollars; track for traveling crane, fifty-five thousand dollars; water-closets, additional, two thousand five hundred dollars; underground conduit system, forty-two thousand five hundred dollars; crane for yards and docks power house, seven thousand dollars; dispensary, twelve thousand dollars; fireproof floor in anchor and chain shed, twenty thousand dollars; forge shop, interior fittings for, five thousand dollars; erecting one-hundred-ton shears, five thousand dollars; paving, to continue, twenty thousand dollars; in all, navy-yard, Boston, seven hundred and two thousand seven hundred dollars.

Naval Station, New London, Connecticut: Sea wall, sixteen thousand dollars; coaling plant, extensions, twenty-five thousand dollars; in all, forty-one thousand dollars. New London.

NAVY-YARD, NEW YORK, NEW YORK: Paving and grading, to continue, twenty thousand dollars; dredging, to continue, twenty-five thousand dollars; coal-storage and coal-handling plant, extensions, one hundred thousand dollars; railroad system, extension, fifteen thousand dollars; extending building numbered forty-one, sixty thousand dollars; locomotive and car shed, twenty-five thousand dollars; improvements to building numbered one hundred and twenty, twenty-two thousand dollars; fittings for building numbered thirty-three, six thousand dollars; fittings and electric tower, building numbered twenty-two, twenty-seven thousand dollars; extending locomotive-crane track, twenty thousand dollars; electric plant, extensions, forty thousand dollars; electric-light system, extension on cob dock, twenty-eight thousand dollars; rebuilding crane track, dry dock numbered three, seventeen thousand dollars; extending building numbered one hundred and sixteen, ten thousand dollars; coal pocket and machinery for construction and repair, six thousand dollars; electric wiring, building numbered twenty-eight, six thousand dollars; storehouse for naval supply fund stores, to complete, fifty thousand dollars; new roof for steam-engineering foundry, twenty-two thousand dollars; to complete building numbered nineteen, sixty thousand dollars; extension to dispensary building, one thousand five hundred dollars; in all, navy-yard, New York, New York, five hundred and sixty thousand five hundred dollars. New York.

NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: To continue retaining wall about reserve basin, fifty thousand dollars; grading and paving, to continue, twenty-five thousand dollars; sewer system, extensions, five thousand dollars; electric plant, extensions, forty thousand dollars; railroad system, extensions, fifteen thousand dollars; officers' quarters, additional, eight thousand dollars; power house for construction and repair, fifty thousand League Island.

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dollars; angle smithery for construction and repair, to complete, fifteen thousand dollars; plate-bending shop for construction and repair, to complete, twenty-five thousand dollars; piers, extensions, sixty thousand dollars; locomotive-crane track, extensions, thirty thousand dollars; machinery foundations, steam engineering buildings, thirty-eight thousand eight hundred dollars; power house for steam engineering, forty-six thousand dollars; dredging, to continue, twenty-five thousand dollars; water-closets, additional, two thousand five hundred dollars; water system, extension, twelve thousand dollars; towards storehouse for naval supplies, seventy-five thousand dollars; in all, navy-yard, League Island, five hundred and twenty-two thousand three hundred dollars.

Washington. NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: Gunners' storehouse, eighty-eight thousand dollars; coppersmith shop, thirty-two thousand dollars; bronzing and plating house, twenty thousand dollars; purchase of land, one hundred thousand dollars; in all, navy-yard, Washington, two hundred and forty thousand dollars.

Norfolk. NAVY-YARD, NORFOLK, VIRGINIA: Paving and grading, to continue, fifteen thousand dollars; sewers, extensions, five thousand dollars; quay wall for fitting-out basin, to continue, one hundred and fifty thousand dollars; locomotive-crane track, to renew, fifteen thousand dollars; railroad tracks, extensions, six thousand dollars; machinery and tools for yards and docks, additional, three thousand dollars; railroad rolling stock, three thousand dollars; telephone system, extensions, one thousand five hundred dollars; locomotive crane, five thousand dollars; fittings for ordnance storehouse, thirty-five thousand dollars; fire-protection system, fifteen thousand dollars; fittings for yard dispensary, five hundred dollars; heating system, additions, five thousand dollars; electric plant, extensions, ten thousand dollars; remodeling machine shop for steam engineering, to complete, twenty-five thousand dollars; electric capstans for dry docks, five thousand dollars; electric drainage pump for dry docks, ten thousand dollars; steel storage building, thirty thousand dollars; construction of a bridge for naval hospital, five thousand dollars; in all, navy-yard, Norfolk, Virginia, three hundred and forty-four thousand dollars.

CONDEMNATION OF LAND ADJACENT TO THE NORFOLK NAVY-YARD.—The Secretary of the Navy be, and he is hereby, authorized, in his discretion, to cause to be commenced, within three months after the passage of this act, proceedings for the condemnation of the following tract of land, or so much thereof as he may deem necessary, for the use of the United States for the Norfolk Navy-Yard, and for other naval purposes, namely, a tract of land known as the Schmolles property, containing some two hundred and seventy-two and four-tenths acres, more or less, in Norfolk County, Virginia, and ad-

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jacent to the Norfolk Navy-Yard, under the Act of Congress approved August first, eighteen hundred and eighty-eight, entitled "An act to authorize the condemnation of lands for sites of public buildings, and for other purposes," and other laws of the United States, so as to completely vest in the United States the title of said land. And all such proceedings shall be reported to Congress at its next session by the Secretary of the Navy.

Key West.

NAVAL STATION, KEY WEST, FLORIDA: Quay wall, to continue, fifty thousand dollars; coaling pier, to complete, twenty-three thousand dollars; concrete cisterns, twenty thousand dollars; to complete purchase of land heretofore condemned and partially appropriated for, twenty-five thousand nine hundred and fifty dollars; in all, naval station, Key West, one hundred and eighteen thousand nine hundred and fifty dollars.

Mare Island.

NAVY-YARD, MARE ISLAND, CALIFORNIA: To continue quay wall, fifty thousand dollars; paving and grading, to continue, twenty-five thousand dollars; sewers and closets, additional, eight thousand dollars; railroad system, extensions, five thousand dollars; heating system, extension, six thousand dollars; machine shop numbered two, construction and repair, to complete, fifty thousand dollars; auxiliary machine shop, steam engineering, five thousand dollars; naval prison, extension, ten thousand dollars; dry dock water-closets and bath house, five thousand dollars; coal-handling machinery, thirty-two thousand dollars; improvements to building numbered forty-five, two thousand dollars; electric plant, extension, fifteen thousand dollars; telephone system, extension, one thousand dollars; boiler and pump for new caisson, three thousand five hundred dollars; improvements to building for storing and handling guns, six thousand dollars; to complete sawmill, boiler house, and steel chimney, two thousand dollars; in all, navy-yard, Mare Island, two hundred and twenty-five thousand five hundred dollars.

Puget Sound.

NAVY-YARD, PUGET SOUND, WASHINGTON: Sewers, extensions, five thousand dollars; to continue grading, thirty thousand dollars; coal shed and appliances, including pier extensions, one hundred and fifty thousand dollars; fire protection system, extensions, three thousand five hundred dollars; electric-light plant, extensions, twenty thousand dollars; telephone system, extensions, two thousand dollars; railroad and equipment, extensions, twenty thousand dollars; purchase of land, four thousand dollars, or so much thereof as may be necessary; smithery for construction and repair, extension, forty thousand dollars; plate metal shop for construction and repair, fifty thousand dollars; addition to storehouse for supplies and accounts, fifty thousand dollars; boat shop for construction and repair (to cost not to exceed one hundred and fifty thousand dollars, for which con-

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tract is hereby authorized), fifty thousand dollars; water-closets, two thousand five hundred dollars; power house for construction and repair, seventy thousand dollars; storehouse for steel, thirty-six thousand dollars; piers, seventy-five thousand dollars; roads and walks, fifteen thousand dollars; water system, extensions, five thousand dollars; locomotive crane, eight thousand five hundred dollars; foundry and coppersmith's shop (to cost not to exceed one hundred thousand dollars, for which contract is hereby authorized), fifty thousand dollars; boiler and blacksmith's shop (to cost not to exceed one hundred thousand dollars, for which contract is hereby authorized), fifty thousand dollars; heating-system extensions, four thousand dollars; boiler stack and fittings for equipment shop, ten thousand dollars; quay wall, sixty thousand dollars; in all, navy-yard, Puget Sound, Washington, eight hundred and ten thousand five hundred dollars.

San Juan. NAVAL STATION, SAN JUAN, PORTO RICO: Coaling facilities, extensions, fifty thousand dollars; in all, San Juan, Porto Rico, fifty thousand dollars.

Pensacola. NAVY-YARD, PENSACOLA, FLORIDA: Track scales, two thousand five hundred dollars; in all, navy-yard, Pensacola, two thousand five hundred dollars.

New Orleans. NAVAL STATION, NEW ORLEANS, LOUISIANA: Shops and offices for yards and docks, eighty thousand dollars; power house and plant, seventy-five thousand dollars; office building, thirty-five thousand dollars; quarters for commandant, ten thousand dollars; two officers' quarters, fourteen thousand dollars; storehouse, one hundred thousand dollars; sewer system, fifteen thousand dollars; water system, ten thousand dollars; in all, naval station, New Orleans, Louisiana, three hundred and thirty-nine thousand dollars.

Four dry docks, to complete. FOUR DRY DOCKS: To complete dry docks at navy-yards: Portsmouth, New Hampshire; Boston, Massachusetts; League Island, Pennsylvania, and Mare Island, California, one million and fifty thousand dollars.

Tutuila. NAVAL STATION, TUTUILA: One officers' quarters, five thousand dollars; office building, ten thousand dollars; roads and walks, five thousand dollars; grading and filling, thirty thousand dollars; telephone system, two thousand dollars; light-house, Aunuu Island, one thousand dollars; waterworks and accessories, five thousand dollars; purchase of additional land at Samoa, thirty-five thousand dollars; in all, naval station, Tutuila, ninety-three thousand dollars.

Port Royal. PORT ROYAL NAVAL STATION, SOUTH CAROLINA: The Secretary of the Navy is directed to investigate and report to the next session of Congress the state and condition of the Government property at Port Royal, South Carolina; its value and the practicability of its removal to another navy-yard; also to what uses, if any, said buildings and property can be devoted; what changes would

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be necessary for such purpose, and an estimate of cost therefor; also upon the advisability of selling and finally disposing of said property, and what price could probably be realized from such sale.

NAVY-YARD, CHARLESTON, SOUTH CAROLINA: Stone and concrete dry dock (toward completion), two hundred and fifty thousand dollars: *Provided*, That the amount authorized in the act of June seventh, nineteen hundred, to be expended for the purchase of a site for a naval station at or in the vicinity of Charleston, South Carolina, from the appropriation for a new naval station and a dock be increased from one hundred thousand dollars to one hundred and six thousand dollars, and six thousand dollars are hereby appropriated; office building for the commandant, thirty-five thousand dollars; quarters for the commandant, twelve thousand dollars; quarters for civil engineer, seven thousand five hundred dollars; landing and wharves, fifty thousand dollars; grading and drainage, ten thousand dollars; workshop (to cost eighty thousand dollars), fifty thousand dollars; storehouse and storekeepers' office, fifty thousand dollars; equipment building (to cost one hundred and twenty-five thousand dollars), sixty-two thousand five hundred dollars; machine shop for steam engineering (to cost one hundred and seventy-four thousand dollars), eighty thousand dollars; foundry and copper shop for steam engineering (to cost one hundred and eighteen thousand dollars), sixty thousand dollars; power house (to cost fifty thousand dollars), twenty-five thousand dollars; workshop for ordnance, forty thousand three hundred dollars; ship fitters' shop with mold loft and furnace shed for construction and repair (to cost two hundred thousand dollars), fifty thousand dollars; power house and fuel storage for construction and repair (to cost eighty thousand dollars), thirty-five thousand dollars; machine shop for construction and repair (to cost one hundred and twenty thousand dollars), forty thousand dollars; joiner shop for construction and repair (to cost one hundred and twenty thousand dollars), thirty thousand dollars; foundry for construction and repair (to cost seventy-five thousand dollars), twenty thousand dollars; in all, navy-yard, Charleston, nine hundred and thirteen thousand three hundred dollars. Charleston.

In all cases where buildings and structures are provided for in this act and where appropriations in full are not made for the same, authority is hereby given to the Secretary of the Navy, in his discretion, to enter into contracts for the entire construction of such buildings and structures, with the limit of cost as fixed in this act.

* * * * *

NAVAL STATION, CAVITE, PHILIPPINE ISLANDS: Tools and appliances for yards and docks, five thousand dollars; fire-protection system and apparatus, twelve thou- Cavite.

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sand dollars; railroad system, improvements and extension, nine thousand dollars; fitting up coal sheds, seven thousand five hundred dollars; toward the purchase or construction of a floating steel dry dock (of American manufacture) (to cost not to exceed one million two hundred and twenty-five thousand dollars), two hundred thousand dollars; in all, two hundred and thirty-three thousand five hundred dollars.

PLANS AND SPECIFICATIONS FOR PUBLIC WORKS: For the preparation of plans and specifications for public works, including such expert aids, draftsmen, writers, and copyists as the Secretary of the Navy may deem necessary, thirty thousand dollars.

In all, public works, seven million six hundred and forty-nine thousand three hundred and twenty-five dollars.

PUBLIC WORKS—BUREAU OF NAVIGATION.

Naval Academy.

NAVAL ACADEMY: Buildings and grounds, Naval Academy: Toward the construction of buildings, and for other necessary improvements, at the Naval Academy, Annapolis, Maryland, as authorized by the Act of Congress approved June seventh, nineteen hundred, and in accordance with the plans approved by the Secretary of the Navy, October third, nineteen hundred, and toward the construction of a hospital (to cost not more than one hundred thousand dollars), to be built upon plans approved by the Secretary of the Navy, three hundred thousand dollars; for dredging up to and in front of the Naval Academy, two hundred thousand dollars; in all, five hundred thousand dollars, the amount hereby appropriated to constitute a part of the eight million dollars' limit fixed for the total cost of said buildings and improvements: *Provided*, That the Secretary of the Navy may, in his discretion, continue the said improvements at the Naval Academy, either by contract or day labor, or both, as he may deem necessary or for the best interests of the Government.

Buildings at training stations. California.

NAVAL TRAINING STATION, CALIFORNIA (BUILDINGS): Two officers' quarters, twelve thousand dollars; sinking artesian wells and water supply, seven thousand five hundred dollars; roads and grounds, three thousand five hundred dollars; purchase of tools and fitting up machine shop, two thousand five hundred dollars; installation of cold-storage room, originally planned, three thousand five hundred dollars; building boathouse and carpenter shop on wharf, two thousand five hundred dollars; in all, thirty-one thousand five hundred dollars.

Rhode Island.

NAVAL TRAINING STATION, RHODE ISLAND (BUILDINGS): Completing breakwater and extending sea wall, twenty-seven thousand five hundred dollars; completing roads and sidewalks, and paving approaches to new barracks, seven thousand seven hundred and fifty dollars; assem-

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bly, lecture, and reading room, twelve thousand five hundred dollars; three double sets officers' quarters, thirty-six thousand dollars; carpenter shop and boathouse for repairs, storage, and preservation of steam launches and boats, eleven thousand seven hundred and eighty dollars; retaining wall on causeway leading from mainland to station, with guardhouses, iron-picket fence, gates, gate-house, and appurtenances and for filling and macadamizing road, and repairs to bridge, fifteen thousand five hundred dollars; for constructing fifteen-foot mole at storehouse for discharging and loading boats and lighters, three thousand two hundred and fifty dollars; in all, naval training station, Rhode Island, one hundred and fourteen thousand two hundred and eighty dollars.

War College.

NAVAL WAR COLLEGE, RHODE ISLAND: BUILDINGS: Building and furnishing a fireproof annex to the college, with a covered connecting bridge, sixty thousand dollars.

In all, "Public works, Bureau of Navigation," seven hundred and five thousand seven hundred and eighty dollars.

PUBLIC WORKS—BUREAU OF ORDNANCE.

Improvements at naval magazines.

Iona Island.

NAVAL MAGAZINE, IONA ISLAND, NEW YORK: Roads and walks; grading and filling in; wall on west side of reservation; ice house; extension of railroad tracks; magnetic-clock system for watch service, and general improvements, forty-nine thousand five hundred dollars.

Dover.

Naval magazine, Dover, Lake Denmark, New Jersey: For the purchase of additional land (about seventy-five acres) to secure control of a water supply, and expenses incident to said purchase; two powder magazines; pump house; two magazines for high explosives; carpenter's shop, and equipments therefor; coal sheds; extension of railroad tracks; rolling stock for local service; grading; road making; walls; fences, and general improvements; quarters for gunner, and quarters for watchmen and principal employees, eighty thousand dollars.

Fort Mifflin.

Naval magazine, Fort Mifflin, Pennsylvania: Storehouse for ammunition, five thousand dollars.

Norfolk.

Naval magazine, Norfolk, Virginia: Fireproof building, and the equipment thereof, for magazine workshop; one filling house; extension of railroad tracks; extension of fire and water service; for the purchase of additional land and expenses attending such purchase; for quarters for watchmen and principal employees; in all, forty-six thousand five hundred dollars.

Torpedo station, Newport.

Naval torpedo station, Newport, Rhode Island: Renewing sea wall on east side of Goat Island, filling in and grading; erection and equipment of a carpenter's shop and one set of quarters, twenty-eight thousand dollars; in all, naval torpedo station, Newport, Rhode Island, twenty-eight thousand dollars.

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Proving ground, Indian Head. Naval proving ground, Indian Head, Maryland: Powder magazine, roads, walks, walls, fences, grading, draining, fillling in, and two sets of quarters for officers; in all, naval proving ground, Indian Head, twenty-three thousand dollars.

Rose Island. Quarters, Rose Island, Narragansett Bay: Quarters for watchmen and gunners, five thousand two hundred dollars.

Fort Lafayette. Naval magazine, Fort Lafayette, New York Harbor: Enlargement of shipping house; office building; dredging channel; repairs to sea wall, and general improvements, twenty-five thousand dollars.

Mare Island. Naval magazine, Mare Island, California: For new water mains and fire service at magazines; repairs to magazine wharf; steel shed for storage purposes; carpenters' shop; extension of shell house numbered four; repairs to magazine numbered one, injured by fire; three magazines for smokeless powder; one magazine for black powder, and one magazine for small-arm ammunition, eighty thousand dollars.

Puget Sound. Naval magazine, Puget Sound, Washington: For the purchase of land for a site for a naval magazine at or near Bremerton, Washington, and toward the erection thereon of the necessary buildings; for clearing said grounds; for grading and filling in; for building roads and walks; for the necessary wharves and cranes; for railroad tracks and rolling stock for local service; for fire and water service, and for the equipment of the establishment, fifty thousand dollars, or as much thereof as may be necessary; and the Secretary of the Navy may employ and pay, out of the appropriation hereby authorized, such additional expert aids, architects, superintendents of construction, or draftsmen as may be necessary for the preparation of the plans and specifications and prosecution of the work authorized to an amount not to exceed five thousand dollars; in all, naval magazine, Bremerton, Washington, fifty thousand dollars.

In all, public works, Bureau of Ordnance, three hundred and ninety-two thousand two hundred dollars.

Naval Observatory. NAVAL OBSERVATORY: For grounds and roads; continuing grading, extending roads and paths, clearing and improving grounds, five thousand dollars.

Nautical Almanac. PUBLICATION OF THE AMERICAN EPHEMERIS AND NAUTICAL ALMANAC: Hereafter there shall be published of the American Ephemeris and Nautical Almanac two thousand five hundred copies, five hundred of which shall be for the use of the Senate, one thousand for the use of the House of Representatives, and one thousand for distribution or sale by the Navy Department.

BUREAU OF MEDICINE AND SURGERY.

* * * * *

Repairs and improvements. NAVAL HOSPITAL, MARE ISLAND, CALIFORNIA: Repairs and improvements in fitting up old buildings and build-

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ing new; for changing officers' quarters into wards for enlisted men and building quarters for officers outside naval hospital, twenty thousand dollars; for construction of a contagious-disease hospital, ten thousand dollars; in all, thirty thousand dollars. Mare Island.

NAVAL HOSPITAL, CANACAO, PHILIPPINE ISLANDS: Repairs and improvements in fitting up old buildings and building new; building wharf, roads, and preparing grounds, and establishing a naval hospital at Canacao, Philippine Islands, to take the place of the present temporary hospital at Cavite, and for the transfer of public property from the old buildings to the new, fifty thousand dollars. Naval hospital, Canacao.

SUPPLIES AND ACCOUNTS.

PROVISIONS, NAVY: * * *.

Provides "that section fifteen hundred and eighty of the Revised Statutes of the United States be, and the same is hereby, amended so as to read as follows:

"'SEC. 1580. The Navy ration shall consist of the following daily allowance of provisions to each person: One pound and a quarter salt or smoked meat, with three ounces of dried or six ounces of canned fruit, and three gills of beans or peas, or twelve ounces of flour; or one pound of preserved meat, with three ounces of dried or six ounces of canned fruit, and twelve ounces of rice or eight ounces of canned vegetables or four ounces of desiccated vegetables; together with one pound of biscuit, two ounces of butter, four ounces of sugar, two ounces of coffee or cocoa or one-half ounce of tea and one ounce of condensed milk or evaporated cream; and a weekly allowance of one-half pound of macaroni, four ounces of cheese, four ounces of tomatoes, one-half pint of vinegar, one-half pint of pickles, one-half pint of molasses, four ounces of salt, one-quarter ounce of pepper, and one-half ounce of dry mustard. Five pounds of lard or a suitable substitute shall be allowed for every hundred pounds of flour issued as bread, and such quantities of yeast as may be necessary.'" Navy ration, component parts of.

That section fifteen hundred and eighty-one of the Revised Statutes of the United States be, and the same is hereby, amended so as to read as follows:

"SEC. 1581. The following substitution for the components of the ration may be made when deemed necessary by the senior officer present in command:

"For one and one-quarter pounds of salt or smoked meat or one pound of preserved meat, one and three-quarters pounds of fresh meat; in lieu of the article usually issued with salt, smoked, or preserved meat, fresh vegetables of equal value; for one pound of biscuit, one and one-quarter pounds of soft bread, or eighteen ounces of flour; for three gills of beans or peas, twelve ounces of flour or rice or eight ounces of canned vegetables, and for twelve ounces of flour or rice or eight ounces of canned vegetables, three gills of beans or peas."

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That an extra allowance of one ounce of coffee or cocoa, two ounces of sugar, four ounces of hard bread or its equivalent, and four ounces of preserved meat or its equivalent shall be allowed to enlisted men of the engineer and dynamo force when standing night watches between eight o'clock postmeridian and eight o'clock antemeridian under steam.

That section fifteen hundred and eighty-four of the Revised Statutes of the United States, and so much of the act of May third, eighteen hundred and eighty, "making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and eighty-one, and for other purposes," as authorizes the Secretary of the Navy to substitute desiccated tomatoes for desiccated potatoes, are hereby repealed.

That money accruing from the rations of enlisted men commuted for the benefit of any mess may be paid on public bills to the commissary officer by the pay officer having their accounts.

* * * * *

BUREAU OF CONSTRUCTION AND REPAIR.

* * * * *

Construction plant, Cavite.

IMPROVEMENT OF CONSTRUCTION PLANTS: * * *.

For construction plant, naval station, Cavite, Philippine Islands: "Construction plant at naval station, Philippine Islands, fifty thousand dollars."

Two steel tugs.

Steel tugs, general service: Two steel tugs for general service, each seventy thousand dollars, * * *.

Six assistant naval constructors.

Provides "that, in addition to the number of naval constructors and assistant naval constructors now authorized, the appointment of six assistant naval constructors is hereby authorized, two to be appointed during the present calendar year and the remaining four in the calendar year of nineteen hundred and three."

STEAM ENGINEERING.

* * * * *

Liquid fuel, test of.

For tests of liquid fuel for naval purposes: "For extended tests of liquid fuel from the California and Texas oil fields, under the direction of the Bureau of Steam Engineering, Navy Department, twenty thousand dollars.

Machinery plants: League Island.

MACHINERY PLANT: Navy-yard, League Island, Pennsylvania: To complete equipment of the entire new system of steam engineering shops being constructed under appropriation made to the Bureau of Yards and Docks for building and repairing modern marine machinery, including the power plant and necessary machine tools, cranes, and appliances for handling work, to cost not more than two hundred and thirty thousand dollars, one hundred and thirty thousand dollars.

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MACHINERY PLANT: Navy-yard, Norfolk, Virginia: For some necessary modern machine tools, twenty-five thousand dollars. Norfolk.

MACHINERY PLANT: Navy-yard, Mare Island, California: To complete equipment of the entire new system of steam engineering shops being constructed under appropriation made to the Bureau of Yards and Docks for building and repairing modern marine machinery, including the power plant and necessary machine tools, cranes, and appliances for handling work (to cost not more than one hundred and eighty thousand dollars), eighty thousand dollars. Mare Island.

MACHINERY PLANT: Navy-yard, Puget Sound, Washington: To continue the equipment of the steam engineering shops being constructed under appropriation made to Bureau of Yards and Docks for building and repairing modern marine machinery, including the power plant and necessary machine tools, cranes, and appliances for handling work, one hundred and twenty-five thousand dollars. Puget Sound.

* * * * *

NAVAL ACADEMY.

* * * * *

CONTINGENT, NAVAL ACADEMY: * * *. For "apparatus for the instruction of midshipmen in the department of marine engineering and naval construction, five thousand dollars; purchase of sextants for the instruction of midshipmen in the department of navigation, three thousand dollars: *Provided*, That the Superintendent of the Naval Academy is authorized to pay Mr. Walter L. Steward, from the appropriation 'Contingent, Naval Academy,' the sum of forty dollars to reimburse him for damage done to his crops during a battalion drill of the midshipmen; * * *." Instruction of midshipmen, apparatus for. Walter L. Steward, damages, reimbursement for.

The title "naval cadet" is hereby changed to "midshipman." Naval cadet, title of, changed to midshipman.

That until the year nineteen hundred and fourteen, in addition to the naval cadets now authorized by law (the title having been changed by this act to midshipmen), the President shall appoint five midshipmen, and there shall be appointed from the States at large, upon the recommendation of Senators, two midshipmen for each State. Midshipmen, increase in number of.

* * * *Provided*, * * * That no part of the money appropriated in this paragraph or elsewhere in this bill shall be expended in the purchase of any history of the Spanish-American war written by Edgar Stanton Maclay, for use at the Naval Academy, in ships' libraries, or in any other part of the naval establishment of the United States. Maclay's History, purchase of barred.

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MARINE CORPS.

PAY, MARINE CORPS: * * *.

Rank of commandant of Marine Corps.

Provides "that from and after the date of the approval of this act, the commandant of the Marine Corps shall have the rank, pay, and allowances of a major-general in the Army, and when a vacancy shall occur in the office of commandant of the corps, on the expiration of the service of the present incumbent, by retirement or otherwise, the commandant of the Marine Corps shall thereafter have the rank, pay, and allowances of a brigadier-general.

* * * * *

Marine Corps, increase of.

In addition to the enlisted force of the Marine Corps now authorized by law there may be enlisted ten gunnery-sergeants, forty sergeants, sixty corporals, ten drummers, ten trumpeters, and six hundred and twenty privates.

* * * * *

PUBLIC WORKS—MARINE CORPS.

Barracks, improvements to.

Barracks and Quarters, Marine Corps: Construction of a fireproof marine barracks, navy-yard, Norfolk, Virginia, and necessary sewerage and grading, one hundred thousand dollars; construction of a veranda on enlisted men's quarters, navy-yard, Pensacola, Florida, three thousand five hundred dollars; installation of an electric lighting plant, marine barracks, navy-yard, New York, New York, three thousand five hundred dollars; installation of electric lights, marine barracks, navy-yard, Portsmouth, New Hampshire, one thousand dollars; improvements, sewers, plumbing, and so forth, marine barracks, navy-yard, Boston, Massachusetts, one thousand five hundred dollars; construction of a marine barracks, naval training station, San Francisco, California, thirty thousand dollars; officers' quarters, Sitka, Alaska, erection of officers' quarters at Sitka, Alaska, two thousand five hundred dollars, and the unexpended appropriations of two thousand five hundred dollars authorized in act of June tenth, eighteen hundred and ninety-six, and one thousand dollars authorized in act of June seventh, nineteen hundred, respectively, are hereby reappropriated for the erection of officers' quarters at Sitka, Alaska, two thousand five hundred dollars; for the erection of light frame buildings for the accommodation and protection of officers and enlisted men of the Marine Corps stationed on the island of Culebra, Porto Rico, five thousand dollars; in all, public works under Marine Corps, one hundred and forty-seven thousand dollars.

Carnegie Steel Co., contracts with.

All contracts of the Carnegie Steel Company, Limited, heretofore made between it and the United States, shall be completed by its successor, the Carnegie Steel Company, or its lawful successor, which has acquired and assumed, or may acquire and assume, all of its assets

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and all of its liabilities under the said contracts. And the said Carnegie Steel Company, or its lawful successor, upon giving security in proper form and amount, conditioned for the performance by it of the said contracts according to the true intent and meaning thereof, shall be substituted therein for the said Carnegie Steel Company, Limited, and be entitled to exercise all rights thereunder which the said Carnegie Steel Company, Limited, had or would have had if it had continued in existence.

INCREASE OF THE NAVY.

That for the purpose of further increasing the naval establishment of the United States, the President is hereby authorized to have constructed by contract two first-class battle ships carrying the heaviest armor and most powerful ordnance for vessels of their class upon a trial displacement of not more than sixteen thousand tons, and to have the highest practicable speed and great radius of action, and to cost, exclusive of armor and armament, not exceeding four million two hundred and twelve thousand dollars each; two first-class armored cruisers of not more than fourteen thousand five hundred tons trial displacement, carrying the heaviest armor and most powerful armament for vessels of their class, and to have the highest practicable speed and great radius of action, and to cost, exclusive of armor and armament, not exceeding four million six hundred and fifty-nine thousand dollars each; two gunboats of about one thousand tons trial displacement, to cost, when built, exclusive of armament, not exceeding three hundred and eighty-two thousand dollars each, and the contract for the construction of each of said vessels shall be awarded, by the Secretary of the Navy, to the lowest best responsible bidder, having in view the best results and most expeditious delivery; and in the construction of all of said vessels the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the naval establishment," as to materials for said vessels, their engines, boilers, and machinery, the contracts under which they are built, the notice of any proposals for the same, the plans, drawings, specifications therefor, and the method of executing said contracts shall be observed and followed, and, subject to the provisions of this act, all said vessels shall be built in compliance with the terms of said act, and in all their parts shall be of domestic machinery; and the steel material shall be of domestic manufacture and of the quality and characteristics best adapted to the various purposes for which it may be used, in accordance with specifications approved by the Secretary of the Navy; and not more than two of the six battle ships, armored cruisers, and gunboats provided for in this act shall be built by one contracting party.

Two battleships.

Two armored cruisers.

Two gunboats.

Contract, award of.

Material; of domestic manufacture.

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Where to be built.

One battle ship or one armored cruiser herein provided for shall be built on or near the coast of the Pacific Ocean or the waters connecting therewith; but if it shall appear to the satisfaction of the President from the bidding for such contracts that said vessel can not be constructed on or near the coast of the Pacific Ocean at a cost not exceeding four per centum above the lowest accepted bid for the corresponding vessel provided for in this act, he shall authorize the construction of said vessel elsewhere in the United States, subject to the limitations as to cost hereinbefore provided: *Provided*, That the Secretary of the Navy shall build one of the battle ships authorized by this act in such navy-yard as he may designate: *Provided, further*, That the Secretary of the Navy shall build all the vessels herein authorized in such navy-yards as he may designate, should it reasonably appear that the persons, firms or corporations or the agents thereof, bidding for the construction of any of said vessels, have entered into any combination, agreement or understanding, the effect, object or purpose of which is to deprive the Government of fair, open and unrestricted competition in letting contracts for the construction of any of said vessels.

Cost of inspection and construction to be reported to Congress.

The Secretary of the Navy is hereby instructed to keep an accurate account of the cost of inspection and construction of vessels provided for in this act, whether built in Government yards or by contract, and report thereon to Congress, at each session, the progress of work and cost thereof, including the inspection of all the material going into the construction of said vessels, and, upon the completion thereof, to report a full and detailed statement showing the relative cost of inspection and construction in Government yards and by contract. And for the purpose of preparing and equipping such navy-yard or navy-yards as may be so designated for the construction of any such vessels, the sum of one hundred and seventy-five thousand dollars, or so much thereof as may be necessary, is hereby appropriated for each of the navy-yards in which the Secretary of the Navy may direct any such vessels to be built.

Construction and machinery.

CONSTRUCTION AND MACHINERY: On account of the hulls and outfits of vessels and steam machinery of vessels heretofore authorized, thirteen million three hundred and three thousand and ten dollars.

Armor and armament.

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for the vessels heretofore authorized, nine million dollars.

Equipment.

EQUIPMENT: Toward the completion of the equipment outfit of the new vessels authorized, four hundred thousand dollars.

Approved, July 1, 1902.

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FIFTY-SEVENTH CONGRESS, SECOND SESSION, MARCH 3, 1903.

[PUBLIC—No. 160.]

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and four, and for other purposes.

[Provision is made for the Naval Establishment, and under the headings—]

* * * * *

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: * * * *Provided*, That the unexpended balances remaining in the Treasury on June thirtieth, nineteen hundred and three, from the appropriations "Ordnance and ordnance stores," nineteen hundred and nineteen hundred and one, or so much thereof as may be necessary, are hereby reappropriated and made available during the fiscal year ending June thirtieth, nineteen hundred and four, for expenditure in fulfillment of contracts heretofore made and properly chargeable to said appropriations. Unexpended balance reappropriated.

* * * * *

Provision "to enlarge smokeless-powder factory at Indian Head, Maryland, fifty-five thousand dollars." Smokeless-powder factory.

New and improved battery for the New York, one hundred thousand dollars. Battery for New York.

Navy-yard, Washington, District of Columbia: New boiler plant, including foundations, economizers, conduits, connections, and auxiliaries for proposed power house, eighty thousand dollars. Boiler plant for power house, etc., Washington, D. C.

New and improved machinery for existing shops, fifty thousand dollars.

Extension of steel-casting plant, five thousand dollars. Steel-casting plant, extension of.

Converting large gun lathes from steam to electric drive, twenty-five thousand dollars. Gun lathes, conversion of.

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BUREAU OF YARDS AND DOCKS.

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PUBLIC WORKS, BUREAU OF YARDS AND DOCKS, NAVY-YARDS AND STATIONS, NAVAL ACADEMY, AND NEW NAVAL OBSERVATORY.

NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: Removal of Hendersons Point, to complete, five hundred and forty- Portsmouth.

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nine thousand dollars; quay wall, to extend, seventy-five thousand dollars; grading, to continue, twenty-five thousand dollars; railroad and rolling stock, additions, eight thousand dollars; sewer systems, extensions, four thousand dollars; water systems, extensions, four thousand dollars; tools for yards and docks, additional, two thousand dollars; locomotive crane and track, to complete, fifty thousand dollars; electric plant, extensions, fifteen thousand dollars; central heating plant, extensions, fifteen thousand dollars; steel-plant building for construction and repair (to cost not to exceed one hundred and fifty thousand dollars), to continue, fifty thousand dollars; blasting in front of quay wall, twenty-five thousand dollars; naval prison, ninety-five thousand dollars (toward the construction of the naval prison herein authorized there is also hereby reappropriated and made available the unexpended balance of appropriations made by the acts approved March third, nineteen hundred and one, and July first, nineteen hundred and two, under the general title "Public Works, Bureau of Yards and Docks," for extension of the naval prison, navy-yard, Boston, Massachusetts); in all, nine hundred and seventeen thousand dollars.

Boston. NAVY-YARD, BOSTON, MASSACHUSETTS: Sewer system, extensions, fifteen thousand dollars; electric-light plant, extensions, fifteen thousand dollars; water-closets, additional, five thousand dollars; paving, to continue, fifty thousand dollars; drains, five thousand dollars; railroad system, extensions, twenty-four thousand dollars; pile driver, six thousand five hundred dollars; tools for yards and docks, ten thousand dollars; paint shop for construction and repair, thirty-five thousand dollars; steel shears, improvements to, fifteen thousand dollars; refitting and improving buildings forty-two and forty-three, forty thousand dollars; central heating system, extensions, twenty thousand dollars; extension of building numbered one hundred and seven, fifty thousand dollars; in all, navy-yard, Boston, two hundred and ninety thousand five hundred dollars.

New London. NAVAL STATION, NEW LONDON, CONNECTICUT: Railroad scales, two thousand five hundred dollars.

New York. NAVY-YARD, NEW YORK, NEW YORK: Paving and grading, to continue, twenty thousand dollars; dredging, to continue, twenty-five thousand dollars; railroad system, extensions, fifteen thousand dollars; improvements to building numbered one hundred and twenty-six, fifteen thousand dollars; electric plant, extensions, thirty thousand dollars; quay wall between dry docks numbered two and three (to be immediately available), twenty-five thousand dollars; rebuilding wharves on cob deck, twenty-five thousand dollars; new roof for building numbered twenty-eight, twenty thousand dollars; piers, additional, one hundred thousand dollars; coal bins and

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tracks for yards and docks (to be immediately available), two thousand five hundred dollars; extension of building numbered one hundred and sixteen, four thousand five hundred dollars; repairing and rebuilding crane track around dry dock numbered one, sixteen thousand dollars; in all, navy-yard, New York, New York, two hundred and ninety-eight thousand five hundred dollars.

League Island.

NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: To continue retaining wall about reserve basin, fifty thousand dollars; grading and paving, to continue, thirty thousand dollars; sewer system, extensions, ten thousand dollars; electric plant, extensions, seventy-five thousand dollars; railroad system, extensions, twenty thousand dollars; dredging and filling in Delaware water front, to continue, twenty-five thousand dollars; water system, extension, twelve thousand dollars; tools and appliances for yards and docks, five thousand dollars; pitch house and oakum loft for construction and repair, five thousand two hundred dollars; underground conduit system, twelve thousand dollars; fireproof vault, building numbered one, two thousand dollars; houses over artesian-well pumps, three thousand dollars; fire-protection system, extensions, thirty-five thousand dollars; machine shop for steam engineering, to complete, twenty-five thousand dollars; in all, navy-yard, League Island, three hundred and nine thousand two hundred dollars.

Washington.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: Building for power plant, extension, one hundred and twenty-five thousand dollars; piled floor in storehouse for guns and mounts, twenty-seven thousand two hundred and forty dollars; raising floor of annex to building numbered forty-six, two thousand dollars; grading and paving, twenty-five thousand dollars; coal storage and handling plant for new power plant, forty-five thousand dollars; in all, navy-yard, Washington, two hundred and twenty-four thousand two hundred and forty dollars.

And upon the acquirement by the United States of title to all property abutting on Canal, Fifth, and N streets, and Georgia avenue, between the south building line of M street south and the Eastern Branch of the Potomac River, and between the east building line of Fourth street east and the west wall of the navy-yard in the city of Washington, District of Columbia, all portions of Canal, Fifth, and N streets, and Georgia avenue lying within such boundaries shall be abandoned and closed, and the Secretary of the Navy is authorized to take possession thereof, and said portions of said streets, together with government reservations numbered two hundred and forty-nine and two hundred and fifty lying within the same boundaries, shall be regarded as set apart and reserved for naval purposes.

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Charleston. NAVY-YARD, CHARLESTON, SOUTH CAROLINA: Power house and fuel storage for construction and repair, to complete, forty-five thousand dollars; machine shop for construction and repair, to complete, eighty thousand dollars; joiners' shop for construction and repair, to complete, ninety thousand dollars; machine shop for steam engineering, sixty thousand dollars; power house for steam engineering, twenty-five thousand dollars; in all, three hundred thousand dollars: *Provided*, That the Secretary of the Navy be, and hereby is, authorized to reconvey to the city of Charleston, South Carolina, a small triangular piece of land in the northern extremity of the tract recently purchased by the United States for the purposes of a navy-yard in the vicinity of Charleston, South Carolina, containing about one-thirtieth of an acre, at the same rate per acre as that at which said lands were conveyed to the United States by the said city of Charleston.

Norfolk. NAVY-YARD, NORFOLK, VIRGINIA: Quay wall for fitting-out basin, seventy-five thousand dollars; railroad tracks, extensions, five thousand dollars; machinery and tools for yards and docks, additional, three thousand dollars; electric capstans for dry docks, additional, five thousand dollars; cistern, twenty thousand dollars; landing float and slip for railroad cars, forty thousand dollars; improvements to storehouse building numbered fifteen, fifteen thousand dollars; enlarging canvas shed for storage of chain, thirty thousand dollars; in all, navy-yard, Norfolk, Virginia, one hundred and ninety-three thousand dollars.

Key West. NAVAL STATION, KEY WEST, FLORIDA: Quay wall, to continue, fifty thousand dollars; marine railway, fifteen thousand dollars; coaling plant, extensions and improvements, one hundred thousand dollars; in all, naval station, Key West, one hundred and sixty-five thousand dollars.

Mare Island. NAVY-YARD, MARE ISLAND, CALIFORNIA: Medical dispensary, to complete, two thousand dollars; repairing forty-ton crane track, sixteen thousand dollars; completing and extending timber storage, four thousand dollars; storage tank for oil, twelve thousand dollars; locomotive crane, twelve thousand dollars; remodeling chain shed, four thousand dollars; railroad system, extensions, ten thousand dollars; electric plant, extensions, fifty thousand dollars; light and power station building, forty thousand dollars; moving and improving building numbered one hundred and thirteen, twelve thousand dollars; fittings for chapel, one thousand dollars; extension to electrical workshop, twenty-five thousand dollars; in all, navy-yard, Mare Island, one hundred and eighty-eight thousand dollars: *Provided*, That the balances from any appropriations for dredging be reappropriated for "Dredging or other means of deepening the channel in Mare Island Strait."

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NAVY-YARD, PUGET SOUND, WASHINGTON: Sewer system, extensions, five thousand dollars; to continue grading, thirty thousand dollars; fire-protection system, extensions, ten thousand dollars; electric-light plant, extensions, three thousand dollars; telephone system, extensions, one thousand dollars; railroad and equipment, extensions, ten thousand dollars; boat shop for construction and repair, to continue (to cost not to exceed one hundred and fifty thousand dollars, for which contract is hereby authorized), fifty thousand dollars; water-closets, additional, two thousand five hundred dollars; water system, extensions, eight thousand dollars; foundry and coppersmith's shop, to complete, fifty thousand dollars; boiler and blacksmith shop, to complete, fifty thousand dollars; heating system, extensions, three thousand dollars; extension of dry-dock boiler plant, ten thousand dollars; extension of general office building, five thousand dollars; two officers' quarters, ten thousand dollars; sick quarters, to complete, four thousand two hundred dollars; locomotive crane and track about dry dock (to cost ninety thousand dollars), forty thousand dollars; timber floats and gangway bridges, two thousand dollars; garbage scow, one thousand five hundred dollars; in all, navy-yard, Puget Sound, Washington, two hundred and ninety-five thousand two hundred dollars. Puget Sound.

NAVY-YARD, PENSACOLA, FLORIDA: Crib for floating dry dock, ten thousand dollars; dredging, to continue, ten thousand dollars; electric-light plant, additions, three thousand dollars; building for Bureau of Equipment, one hundred and twenty thousand dollars; in all, navy-yard, Pensacola, one hundred and forty-three thousand dollars. Pensacola.

NAVAL STATION, NEW ORLEANS, LOUISIANA: Latrines, one thousand eight hundred dollars; additions to floating dock, fifteen thousand dollars; shops for steam engineering extension, fifty thousand dollars; approach to floating dry dock, ten thousand dollars; to pay award of condemnation suit for land, thirty-five thousand dollars; in all, naval station, New Orleans, Louisiana, one hundred and eleven thousand eight hundred dollars. New Orleans.

NAVAL STATION, TUTUILA: Grading and filling, to continue, twenty thousand dollars; waterworks and accessories, five thousand dollars; carpenter and blacksmith shop, five thousand dollars; mooring, shoal, and channel buoys, four thousand dollars; ice-making plant, five thousand dollars; in all, naval station, Tutuila, thirty-nine thousand dollars. Tutuila.

NAVAL STATION, ISLAND OF GUAM: General storehouse, ten thousand dollars. Guam.

NAVAL STATION, CAVITE, PHILIPPINE ISLANDS: Distilling plant, twenty thousand dollars; floating steel dry dock, to continue, three hundred thousand dollars; in all, three hundred and twenty thousand dollars. Cavite.

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Plans and specifications.

PLANS AND SPECIFICATIONS FOR PUBLIC WORKS: For the preparation of plans and specifications for public works, including such expert aids, draftsmen, writers, and copyists as the Secretary of the Navy may deem necessary, thirty thousand dollars.

In all, public works, four million three hundred and thirty-six thousand nine hundred and forty dollars.

Guantanamo.

PUBLIC WORKS, SECRETARY'S OFFICE: For necessary expenditures incident to the occupation and utilization of the naval station at Guantanamo, Cuba, to be used for such purposes as the Secretary of the Navy may direct, one hundred thousand dollars.

PUBLIC WORKS, BUREAU OF NAVIGATION.

Naval Academy.

NAVAL ACADEMY: The limit of expenditure for the construction of buildings and other necessary improvements at the Academy, as set forth in the act of June seventh, nineteen hundred, be, and the same is hereby, increased to ten million dollars, and no part of the same shall hereafter be used for the purchase of land. The Secretary of the Navy may modify or alter all plans or estimates of cost, within said limit, for all such buildings and improvements, including the hospital and dredging authorized in the act approved July first, nineteen hundred and two, as he may see fit.

REPAIRS, NAVAL ACADEMY: For building and furnishing additional temporary quarters and recitation rooms and for enlarging and furnishing the mess hall, to be immediately available, sixty thousand dollars.

Historic places.

That the Secretary of the Navy, the Superintendent of the Naval Academy, and the mayor of Annapolis, Maryland, are hereby appointed a commission to ascertain the sites of, and to have erected suitable tablets upon, the historic places within the grounds of the United States Naval Academy at Annapolis, Maryland, and the sum of five hundred dollars is hereby appropriated for such purpose.

Naval training stations.

California.

NAVAL TRAINING STATION, CALIFORNIA (BUILDINGS): Extension of new wharf, four thousand two hundred and fifty dollars; in all, four thousand two hundred and fifty dollars.

Rhode Island.

NAVAL TRAINING STATION, RHODE ISLAND (BUILDINGS): Extending and completing stone quay and coaling pier at southeast end of island, ten thousand dollars; filling in two stagnant basins, one near main causeway and the other adjacent to the naval hospital, four thousand five hundred dollars; additional barracks for the accommodation of apprentices and landsmen under training, with mess hall, wash room, and all necessary appurtenances, two hundred and seventeen thousand five hundred dollars; in all, naval training station, Rhode Island, two hundred and thirty-two thousand dollars.

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In all, Public works, Bureau of Navigation, two hundred and ninety-six thousand seven hundred and fifty dollars.

PUBLIC WORKS, BUREAU OF ORDNANCE.

Naval magazine site, New England coast.

NEW ENGLAND NAVAL MAGAZINE: The Secretary of the Navy is hereby directed to appoint a board of naval officers, whose duty it shall be to recommend a site or sites for one naval magazine on the New England coast, north of Cape Cod, suitable for the use of the Boston and Portsmouth navy-yards; and, if upon private land, to estimate its value and ascertain as nearly as practicable the cost for which it can be purchased or acquired, and also to estimate the cost of necessary buildings, grading, and filling in, building roads and walks, improvement of water front, necessary wharves and cranes, railroad tracks and rolling stock, fire and water service, and for general equipment of said naval magazine. The board shall make a full and detailed report to the Secretary of the Navy, who shall transmit such report, with his recommendations thereon, to the next session of Congress. And to defray the expenses of said board the sum of one thousand dollars, or so much thereof as may be necessary, to be immediately available, is hereby appropriated, out of any moneys in the Treasury not otherwise appropriated.

Improvements, naval magazines.

Iona Island.

NAVAL MAGAZINE, IONA ISLAND, NEW YORK: One new compressed-air charging station, with pipes and fittings, two thousand dollars; machine tools for machine shop, two thousand dollars; machine tools for carpenters' shop, one thousand two hundred dollars; improvements to old dock, nine thousand dollars; in all, naval magazine, Iona Island, fourteen thousand two hundred dollars.

Lake Denmark.

NAVAL POWDER DEPOT, LAKE DENMARK, NEW JERSEY: Four electric elevators for two completed storehouses, ten thousand dollars; improvements to shell house numbered one; new floors, platforms, roof leaders, ventilators, and improving lightning protection, six thousand dollars; improvements to magazines numbered one and two; new roof gutters, ventilators, and improved lightning protection, three thousand six hundred dollars; in all, naval magazine, Dover, Lake Denmark, New Jersey, nineteen thousand six hundred dollars.

Fort Norfolk.

WATER SYSTEM, FORT NORFOLK, VIRGINIA: To connect the reservation with the city water mains, one thousand one hundred feet from main line, one thousand five hundred dollars.

Newport.

NAVAL TORPEDO STATION, NEWPORT, RHODE ISLAND: Additional wharves and slips for torpedo boats; for moving present boathouse to a new location; and for dredging, twenty-five thousand dollars; in all, naval torpedo station, Newport, Rhode Island, twenty-five thousand dollars.

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Indian Head. NAVAL PROVING GROUND, INDIAN HEAD, MARYLAND: Three new cast-steel gun platforms, four thousand five hundred dollars; lightning protection, six thousand dollars; in all, naval proving ground, Indian Head, ten thousand five hundred dollars.

Saint Juliens Creek. NAVAL MAGAZINE, SAINT JULIENS CREEK, NORFOLK, VIRGINIA: One shell house, eleven thousand dollars.

In all, public works, Bureau of Ordnance, eighty-two thousand eight hundred dollars.

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BUREAU OF MEDICINE AND SURGERY.

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Improvements, naval hospitals. NAVAL HOSPITAL, NEW YORK, NEW YORK: Changing officers' quarters into wards for enlisted men, and building quarters for officers outside of naval hospital, twenty thousand dollars.

New York.

Washington. NAVAL HOSPITAL, WASHINGTON, DISTRICT OF COLUMBIA: The erection and completion of new buildings for the accommodation of the United States naval hospital, Washington, District of Columbia, on the grounds belonging to the United States Naval Museum of Hygiene, one hundred and twenty-five thousand dollars.

New York. NAVAL LABORATORY, NEW YORK, NEW YORK: Erection and completion of a new building for the accommodation of the United States naval laboratory, New York, New York, on the grounds of the United States naval hospital, New York, New York, seventy-five thousand dollars.

Yokohama. NAVAL HOSPITAL, YOKOHAMA, JAPAN: Erection of new buildings at the United States naval hospital at Yokohama, Japan, to replace buildings unfit for further use, twenty-five thousand dollars.

SUPPLIES AND ACCOUNTS.

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Clothing and small-stores fund, increase of. CLOTHING AND SMALL-STORES FUND: For purchase of clothing and small stores for issue to the Naval service, the present fund being inadequate to meet the requirements of the service at this time; to be added to the "clothing and small-stores fund," one million dollars.

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BUREAU OF CONSTRUCTION AND REPAIR.

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Ammunition lighter, Cavite. For steel ammunition lighter, naval station, Cavite, Philippine Islands: "One steel steam ammunition lighter, with all fittings complete, for use at naval station, Cavite, Philippine Islands, thirty thousand dollars."

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STEAM ENGINEERING.

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Machinery plants.

Boston.

For machinery plant, navy-yard, Boston, Massachusetts: "Electric cranes for foundry, boiler shop, and smithery, and for some large and powerful machine tools to complete equipment of shops, sixty thousand dollars."

Norfolk.

Machinery plant, navy-yard, Norfolk, Virginia: Cranes and heavy tools to equip the shops as altered, twenty-five thousand dollars.

Experiment station and testing laboratory, Annapolis.

For building on land owned by the Government, Annapolis, Maryland: "Bureau of Steam Engineering: For a building to be used as an experiment station and testing laboratory in the department of marine engineering and naval construction (to cost not to exceed two hundred and fifty thousand dollars), two hundred and fifty thousand dollars. For the complete equipment of this building with all the necessary appliances and apparatus as an experiment station and testing laboratory, one hundred and fifty thousand dollars."

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Officers of Navy, increase of.

The grades of the active list of the Navy hereinafter designated shall be so increased that there shall be thirty additional lieutenant-commanders, in all two hundred; fifty additional lieutenants, in all three hundred and fifty; such total numbers of lieutenants (junior grade) and ensigns as may qualify for said grades under existing law and the provisions of this Act; thirty additional surgeons with the rank of lieutenant-commander, in all eighty-five; one hundred and twenty additional passed assistant and asistant surgeons, with the rank, respectively, of lieutenant and lieutenant (junior grade), in all two hundred and thirty; two additional pay inspectors, in all fifteen; thirty-six additional paymasters, in all seventy-six; twenty-six additional passed assistant and assistant paymasters, in all ninety-six; twenty-nine additional naval constructors and assistant naval constructors, in all seventy-five; one additional civil engineer, in all twenty-eight; and twelve assistant civil engineers, of whom six shall have the rank of lieutenant (junior grade) and six the rank of ensign: *Provided*, That assistant civil engineers, during the first five years after date of appointment, shall receive, per annum, when on duty, one thousand five hundred dollars, when on leave or waiting orders, one thousand dollars; during the second five years after such date, when on duty, one thousand eight hundred dollars, when on leave or waiting orders, one thousand two hundred dollars; and after ten years from such date, when on duty, two thousand one hundred dollars, and when on leave or waiting orders, one thousand four hundred dollars: *And provided further*, That promotions in the corps of civil engineers shall be after such examination as the Secretary of the Navy may prescribe.

Assistant civil engineers, pay of.

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Appointments and promotions, limitations on.

The increase in the grades of lieutenant-commander and lieutenant provided for in this act shall be filled by promotion each year of not exceeding twenty-five per centum of the total number of the increase in each of said grades; and not more than twenty-five assistant surgeons, not more than twenty assistant paymasters, nor more than five assistant naval constructors, nor more than three assistant civil engineers, in addition to those necessary to fill vacancies in said grades, shall be appointed in any one calendar year.

Ensigns, appointment of, from warrant officers.

Hereafter in each calendar year there may, under the restrictions imposed by existing law, be appointed from the boatswains, gunners, and warrant machinists of the Navy twelve ensigns.

Midshipmen, appointments of.

There shall be allowed at the Naval Academy two midshipmen for each Senator, Representative, and Delegate in Congress, two for the District of Columbia, and five each year at large: *Provided*, That the additional Congressional appointments authorized by this act shall be made at such times as may be determined by the Secretary of the Navy, who shall equitably distribute the increase among the several States, Districts, and Territories, so that ultimately, if practicable, each Senator, Representative, and Delegate may recommend for appointment during each Congress one midshipman. *Provided further*, That members of the Fifty-seventh Congress who will not be members of the Fifty-eighth Congress, and in whose Districts or States appointments have not been made or vacancies filled in the Fifty-seventh Congress, may immediately upon the passage of this act make the additional appointments herein provided for.

The Secretary of the Navy shall as soon as practicable after the fifth day of March in each year notify in writing each Senator, Representative, and Delegate in Congress of any vacancy which may be regarded as existing in the State, District, or Territory which he represents, and the nomination of a candidate to fill such vacancy shall be made upon the recommendation of the Senator, Representative, or Delegate. Such recommendation shall be made by the first day of June of that year, and if not so made the Secretary of the Navy shall fill the vacancy by the appointment of an actual resident of the State, District, or Territory in which the vacancy exists, who shall have been for at least two years immediately preceding his appointment an actual bona fide resident of the State, District, or Territory in which the vacancy exists and shall have the qualifications otherwise prescribed by law: *And provided further*, That the superintendent of the Naval Academy shall make such rules, to be approved by the Secretary of the Navy, as will effectually prevent the practice of hazing; and any cadet found guilty of participating in or encouraging or

Hazing.

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countenancing such practice shall be summarily expelled from the Academy, and shall not thereafter be reappointed to the Corps of Cadets or be eligible for appointment as a commissioned officer in the Army or Navy or Marine Corps until two years after the graduation of the class of which he was a member.

That the provisions of this act for the increase of appointments of midshipmen to the Naval Academy shall continue in force until the thirtieth day of June, nineteen hundred and thirteen; and thereafter one midshipman, as now provided by law, shall be appointed for each Senator, Representative, and Delegate in Congress.

Midshipman from Porto Rico.

That hereafter there shall be at the Naval Academy one midshipman from Porto Rico, who shall be a native of said island, and whose appointment shall be made by the President on the recommendation of the governor of Porto Rico.

Age of admission to Naval Academy.

That after January first, nineteen hundred and four, all candidates for admission to the Naval Academy at the time of their examination must be between the ages of sixteen and twenty years.

Nothing contained in this act shall affect the officers of the Navy who may have been or may hereafter be advanced in rank under existing provisions of law by which they become extra numbers in their respective grades, or operate to vacate the commission of any officer now in the service.

Marine Corps, increase of.

That from and after the passage of this act, and in order to further increase the efficiency of the Marine Corps, the following additional officers, noncommissioned officers, drummers, trumpeters, and privates to those now provided by law for said corps, are hereby authorized and directed, namely: One colonel, one lieutenant-colonel, five majors, twelve captains, twenty-five first lieutenants, twelve second lieutenants, one assistant adjutant and inspector with the rank of lieutenant-colonel, two assistant adjutants and inspectors with the rank of major, one assistant quartermaster, with the rank of lieutenant-colonel, five assistant quartermasters with the rank of captain, one assistant paymaster with the rank of lieutenant-colonel, one assistant paymaster with the rank of captain, one sergeant-major, forty quartermaster-sergeants, twelve first sergeants, sixty-five sergeants, fifty-five corporals, ten drummers, ten trumpeters, and five hundred and twenty-seven privates: *Provided*, That the vacancies now existing in the line and the staff departments of the Marine Corps and those created by this act below the grade of brigadier-general shall be filled, respectively, first by promotion by seniority and then by selection and appointment as now provided by law, excepting that vacancies in the grade of second lieutenant shall be filled first, as far as practicable, from graduates of the Naval Academy each year on completing the pre-

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scribed course at the Naval Academy, exclusive of the probationary tour of sea service before final graduation, then from meritorious noncommissioned officers and from civil life between the ages of twenty-one and twenty-seven years: *Provided*, That the commissions of officers now in the Marine Corps shall not be vacated by this act: *And provided further*, That officers selected for appointment to fill vacancies in the grade of field officers in any of the staff departments shall be taken from officers on the active list not below the grade of captain and who have seen not less than seven years' service as commissioned officers in the Marine Corps. And that appointments to the grade of captain in any of the staff departments shall be made from officers on the active list of the Marine Corps not below the grade of first lieutenant.

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PUBLIC WORKS, MARINE CORPS.

Clothing, manufacture of.

Barracks and Quarters, Marine Corps: Purchase of ground and erection of building at Philadelphia, to be used for manufacture of clothing and storing of supplies and office of assistant quartermaster (to cost not to exceed one hundred and fifty thousand dollars), one hundred and fifty thousand dollars; construction and completion of commanding officers' and junior officers' quarters, navy-yard, Norfolk, Virginia, forty-two thousand dollars; construction and completion of commanding officers' and junior officers' quarters, naval training station, San Francisco, California, sixteen thousand dollars; construction and completion of one power house and the installation of steam heat, marine barracks and officers' quarters, navy-yard, Mare Island, California, eleven thousand dollars; in all, public works under Marine Corps, two hundred and nineteen thousand dollars.

INCREASE OF THE NAVY.

Five battleships.

That for the purpose of further increasing the naval establishment of the United States the President is hereby authorized to have constructed by contract or in navy-yards as hereinafter provided three first-class battle ships carrying the heaviest armor and most powerful ordnance for vessels of their class upon a trial displacement of not more than sixteen thousand tons, and to have the highest practicable speed and great radius of action, and to cost, exclusive of armor and armament, not exceeding four million two hundred and twelve thousand dollars each; two first-class battle ships, carrying the heaviest armor and most powerful ordnance for vessels of their class, upon a trial displacement of not more than thirteen thousand tons, and to have the highest practicable speed and great radius of action, and to cost, exclusive of armor and armament, not exceeding three million five hundred

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thousand dollars each; two steel ships, to be used in training landsmen and apprentices, to be propelled by sail, and to cost, exclusive of armament, not exceeding three hundred and seventy thousand dollars each; one wooden brig, to be used for training landsmen and apprentices at stations, to be propelled by sail, and to cost, exclusive of armament, not exceeding fifty thousand dollars; and the contract for the construction of each of said vessels shall be awarded, by the Secretary of the Navy, to the lowest best responsible bidder, having in view the best results and most expeditious delivery; and in the construction of all of said vessels the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the naval establishment," as to materials for said vessels, their engines, boilers, and machinery, the contracts under which they are built, the notice of any proposals for the same, the plans, drawings, specifications therefor, and the method of executing said contracts shall be observed and followed, and, subject to the provisions of this act, all said vessels shall be built in compliance with the terms of said act, and in all their parts shall be of domestic machinery; and the steel material shall be of domestic manufacture, and of the quality and characteristics best adapted to the various purposes for which it may be used, in accordance with specifications approved by the Secretary of the Navy; and not more than two of the five battle ships provided for in this act shall be built by one contracting party: *Provided further*, That the Secretary of the Navy may build any or all of the vessels herein authorized in such navy-yards as he may designate, and shall build any of the vessels herein authorized in such navy-yards as he may designate, should it reasonably appear that the persons, firms, or corporations, or the agents thereof, bidding for the construction of any of said vessels, have entered into any combination, agreement, or understanding, the effect, object, or purpose of which is to deprive the Government of fair, open, and unrestricted competition in letting contracts for the construction of any of said vessels.

Two training ships.

One wooden brig.

Contracts, award of.

Material, of domestic manufacture.

Combination, bidders not to enter into.

The Secretary of the Navy is hereby authorized, in his discretion, to contract for or purchase subsurface or submarine torpedo boats in the aggregate of, but not exceeding, five hundred thousand dollars: *Provided*, That prior to said purchase or contract for said boats any American inventor or owner of a subsurface or submarine torpedo boat may give reasonable notice and have his, her, or its subsurface or submarine torpedo boat tested by comparison or competition, or both, with a Government subsurface or submarine torpedo boat or any private competitor, provided there be any such, and thereupon the board appointed for conducting such tests shall report the result of said competition or comparison, together with its

Submarines, $500,000 for.

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recommendations, to the Secretary of the Navy, who may purchase or contract for subsurface or submarine torpedo boats in a manner that will best advance the interests of the United States in submarine warfare: *And provided further*, That before any subsurface or submarine torpedo boat is purchased or contracted for it shall be accepted by the Navy Department as fulfilling all reasonable requirements for submarine warfare and shall have been fully tested to the satisfaction of the Secretary of the Navy. To carry out the purpose aforesaid the sum of five hundred thousand dollars is hereby appropriated out of any money in the Treasury not otherwise appropriated.

Construction and machinery.

CONSTRUCTION AND MACHINERY: On account of the hulls and outfits of vessels and steam machinery of vessels heretofore authorized, fifteen million twenty-five thousand six hundred and thirty-two dollars.

Armor and armament.

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for the vessels authorized, ten million dollars.

Equipment.

EQUIPMENT: Toward the completion of the equipment of the new vessels authorized, four hundred thousand dollars.

Approved, March 3, 1903.

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[PUBLIC—No. 181.]

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and five, and for other purposes.

[Provision is made for the Naval Establishment, and under the headings—]

* * * * *

CONTINGENT, NAVY: * * * *Provided*, That the accounting officers of the Treasury are hereby authorized and directed to allow, in the settlement of the accounts of disbursing officers involved, payments made under the appropriation "Contingent, Navy," to civilian employees appointed by the Navy Department for duty in and serving at naval stations maintained in the island possessions during the fiscal year nineteen hundred and five. Civilian employees, pay of.

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BUREAU OF ORDNANCE.

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For purchase and installation of machine tools at the navy-yard, Boston, Massachusetts, five thousand dollars. Improvements. Boston.

Purchase and installation of machine tools at the navy-yard, Portsmouth, New Hampshire, four thousand dollars. Portsmouth.

Purchase and installation of machine tools at the torpedo station, Newport, Rhode Island, five thousand dollars. Newport.

Purchase and installation of machine tools at naval magazine, Lake Denmark, New Jersey, two thousand dollars. Lake Denmark.

Navy-yard, Washington, District of Columbia: Purchase of a fifteen-ton wrecking car, seven thousand five hundred dollars; new and improved machinery for existing shops, one hundred thousand dollars; repairs to boiler plant, three thousand dollars; repairs to cranes, machinery, locomotives, and wrecking car, ten thousand dollars; in all, one hundred and twenty thousand five hundred dollars. Washington.

Navy-yard, Mare Island, California: Purchase and installation of overhead traveling cranes in building numbered one hundred and eleven, thirteen thousand two hundred dollars. Mare Island.

RESERVE GUNS FOR AUXILIARY CRUISERS: Toward the armament of modern guns for auxiliary cruisers men- Reserve guns for auxiliary cruisers.

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tioned in the act approved March third, eighteen hundred and ninety-one, and in section four of the act approved May tenth, eighteen hundred and ninety-two, one hundred and twenty-five thousand dollars.

Reserve guns, purchase of, for ships.

RESERVE GUNS FOR SHIPS OF THE NAVY: Purchase and manufacture of reserve guns for ships of the Navy, one hundred and twenty-five thousand dollars.

* * * * *

PUBLIC WORKS, BUREAU OF YARDS AND DOCKS, NAVY-YARDS AND STATIONS, NAVAL ACADEMY, AND NEW NAVAL OBSERVATORY.

Portsmouth.

NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: Railroad and rolling stock, additions, eight thousand dollars; sewer systems, extensions, five thousand dollars; tools for yards and docks, additional, two thousand dollars; electric plant, extensions, thirty-five thousand dollars; central heating plant, extensions, ten thousand dollars; steel-plant building, for construction and repair (to cost not to exceed one hundred and fifty thousand dollars), to complete, fifty thousand dollars; railroad and wagon scales, eight thousand dollars; electric elevators in new storehouse, eight thousand dollars; crane, hoists, and elevator for chain shed, six thousand dollars; underground conduit system, to continue, fifteen thousand dollars; to enable the Secretary of the Navy to continue and complete his examination concerning the fresh-water supply at the Portsmouth Navy-Yard, directed by the act of July first, nineteen hundred and two, two thousand dollars, or so much thereof as may be needed; in all, one hundred and forty-nine thousand dollars.

Boston.

NAVY-YARD, BOSTON, MASSACHUSETTS: Sewer system, extensions, fifteen thousand dollars; electric-light plant, extensions, twenty thousand dollars; paving, to continue, fifty thousand dollars; railroad system, extensions, twenty thousand dollars; tools for yards and docks, five thousand dollars; underground conduit system, fifteen thousand dollars; approach to dry dock numbered two, fifty thousand dollars; capstans for dry dock numbered one, seven thousand five hundred dollars; wire-rope mill for equipment, sixty-five thousand dollars; anchor and chain shed for equipment, nine thousand three hundred dollars; in all, navy-yard, Boston, two hundred and fifty-six thousand eight hundred dollars.

New York.

NAVY-YARD, NEW YORK, NEW YORK: Paving and grading, to continue, ten thousand dollars; railroad system, extensions, ten thousand dollars; electric plant, extensions, twenty thousand dollars; tools for yards and docks, two thousand dollars; railroad equipment, ten thousand dollars; cranes, seven thousand five hundred dollars; underground conduits, thirty thousand dollars; sewers and drains, six thousand dollars; commandant's quarters,

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additions, four thousand five hundred dollars; locomotive and car shed, extensions, five thousand dollars; heating system, extension, ten thousand dollars; latrines, additional, four thousand dollars; extension of building ten, two thousand five hundred dollars; granite and concrete dry dock, to continue, two hundred thousand dollars; prison on Cob Dock, fifty thousand dollars; in all, navy-yard, New York, New York, three hundred and seventy-one thousand five hundred dollars.

League Island.

NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: To continue retaining wall about reserve basin, eighty thousand dollars; grading and paving, to continue, twenty-five thousand dollars; sewer system, extensions, three thousand five hundred dollars; electric plant, extensions, one hundred thousand dollars; railroad system, extensions, five thousand dollars; dredging and filling in Delaware water front, to continue, thirty thousand dollars; water system, extension, eight thousand dollars; underground conduit system, eight thousand dollars; fire-protection system, extensions, ten thousand dollars; sea wall extension, fifty thousand dollars; one officers' quarters, eight thousand dollars; extension of reserve basin, to continue dredging, seventy-five thousand dollars; locomotive crane track, extension, thirty thousand dollars; storehouse for naval supplies, to complete, eighty thousand four hundred and seventy dollars; in all, navy-yard League Island, five hundred and twelve thousand nine hundred and seventy dollars.

Washington.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: Building for power plant, extension, to complete, one hundred and thirty-five thousand nine hundred and sixty-four dollars; coal storage and handling plant for new power plant, nineteen thousand and eighty-four dollars; machinery for power plant, extension, two hundred and five thousand two hundred dollars; sewer system, to extend, ten thousand dollars; walls about extension of yard, thirty-two thousand dollars; grading, to continue, five thousand dollars; paving, to extend, ten thousand dollars; drainage, to extend, five thousand dollars; underground conduit system, extension, ten thousand dollars; dredging, five thousand dollars; electric-light plant, extension, five thousand dollars; telephone and time systems, extensions, two thousand dollars; pipe-fitters' shop, twenty thousand dollars; one locomotive crane, ten thousand dollars; one one-hundred-and-fifty-ton platform scale, three thousand six hundred and seventy-five dollars; building for electric power plant, extension, ninety-seven thousand nine hundred and eighty-three dollars; in all, navy-yard, Washington, five hundred and seventy-five thousand nine hundred and six dollars.

Charleston.

NAVY-YARD, CHARLESTON, SOUTH CAROLINA: Machine shop for steam engineering, to complete, thirty-four thousand dollars; power house for steam engineering, to com-

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plete, twenty-five thousand dollars; stone and concrete dry dock, to continue, three hundred thousand dollars; workshop, to complete, thirty thousand dollars; equipment building, to complete, sixty-two thousand five hundred dollars; shipfitters' shop, for construction and repair, to complete, one hundred and fifty thousand dollars; foundry, for construction and repair, to complete, fifty-five thousand dollars; storehouse and storekeeper's office, to complete, fifty thousand dollars; in all, navy-yard, Charleston, South Carolina, seven hundred and six thousand five hundred dollars.

Norfolk. NAVY-YARD, NORFOLK, VIRGINIA: Purchase of land, four hundred thousand dollars; railroad tracks, extensions, five thousand dollars; machinery and tools for yards and docks, additional, three thousand dollars; fitting-out basin, to complete, fifty-five thousand dollars; piers and slips, one hundred thousand dollars; dredging, five thousand dollars; renewing wharves at entrance to dry docks, fifteen thousand dollars; water-closet at dry docks, five thousand dollars; electric plant, extensions, twenty thousand dollars; storehouse for torpedo-boat outfits, fifty-five thousand dollars; paving and grading, ten thousand dollars; railroad rolling stock, three thousand dollars; fire-protection system, extensions, fifteen thousand dollars; heating system, extensions, two thousand dollars; electric crane in erecting shop, fifteen thousand dollars; concrete and granite dry dock, to continue, two hundred and fifty thousand dollars; improvement to forty-ton locomotive crane, one thousand dollars; in all, navy-yard, Norfolk, Virginia, nine hundred and fifty-nine thousand dollars.

Key West. NAVAL STATION, KEY WEST, FLORIDA: Fire-protection system, extension, two thousand dollars.

Mare Island. NAVY-YARD, MARE ISLAND, CALIFORNIA: Railroad system, extensions, fifteen thousand dollars; electric plant, extensions, twenty-five thousand dollars; moving and improving building numbered one hundred and thirteen, five thousand dollars; improvement of channel in Mare Island Strait, one hundred and fifty thousand dollars; storage shed for yards and docks, to extend, three thousand dollars; freight shed, building forty-nine, to extend, three thousand dollars; dry dock water-closets and bath house, to complete, three thousand five hundred dollars; tools for yards and docks, five thousand dollars; sewer system, extensions, five thousand dollars; telephone system, extensions, two thousand dollars; improvement of building forty-six for coppersmiths and plumbers' shop, twenty thousand dollars; improvement of buildings fifty-one, sixty-nine, and seventy-one, nine thousand dollars; building for oil storage, extension, seven thousand five hundred dollars; gallery for building fifty-one, one thousand five hundred dollars; elevators for buildings fifty-one and sixty-nine, four thousand dollars; im-

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provement to rigging storeroom, building eighty-seven, five hundred dollars; improvements to medical dispensary, one thousand dollars; in all, navy-yard, Mare Island, two hundred and sixty thousand dollars.

Puget Sound.

NAVY-YARD, PUGET SOUND, WASHINGTON: Sewer system, extensions, five thousand dollars; to continue grading, thirty thousand dollars; fire-protection system, extensions, four thousand dollars; electric-light plant, extensions, four thousand dollars; telephone system, extensions, two thousand dollars; railroad and equipment, extensions, sixteen thousand dollars; boat shop for construction and repair, to complete (to cost not to exceed one hundred and fifty thousand dollars, for which contract is hereby authorized), fifty thousand dollars; water system, extensions, six thousand dollars; heating system, extensions, six thousand dollars; extension of dry-dock boiler plant, fifteen thousand dollars; locomotive crane and track about dry dock (to cost ninety thousand dollars), to complete, fifty thousand dollars; dredging, ten thousand dollars; quay wall, extension, forty thousand dollars; roads and walks, five thousand dollars; yard scow, to complete, three thousand five hundred dollars; joiner shop, for construction and repair, extension, fifteen thousand dollars; two warrant officers' quarters, six thousand five hundred dollars; coal pockets, ten thousand dollars; timber-storage shed, two thousand dollars; pile driver, two thousand five hundred dollars; fire-alarm system, five thousand dollars; machinery for yards and docks, carpenter shop, two thousand dollars; machinery for yards and docks, machine shop, three thousand dollars; in all, navy-yard, Puget Sound, Washington, two hundred and ninety-two thousand five hundred dollars.

Pensacola.

NAVY-YARD, PENSACOLA, FLORIDA: Dredging, to continue, ten thousand dollars; central power house (to cost one hundred and four thousand five hundred dollars), sixty thousand dollars; dump scows, twelve thousand dollars; tools for yards and docks, two thousand dollars; ship fitters' shop, building forty-four, extensions, ten thousand dollars; in all, navy-yard, Pensacola, ninety-four thousand dollars.

New Orleans.

NAVAL STATION, NEW ORLEANS, LOUISIANA: Latrines, five thousand five hundred dollars; shops for steam engineering and fittings and grading, thirty-five thousand dollars; improvement of water front, forty-five thousand dollars; levee improvement and grading, thirty thousand dollars; railroad system, twenty-five thousand dollars; paving, twenty thousand dollars; telephone system, three thousand dollars; sewer system, extensions, ten thousand dollars; water system, extensions, eighteen thousand dollars; drainage system, ten thousand dollars; coal bins, five thousand dollars; two buildings for officers' quarters, ten thousand dollars; floor, construction and repair shops, five thousand dollars; two buildings for officers' quarters, erty, ten thousand dollars; central electric light and

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power plant, thirty-seven thousand five hundred dollars; closing Pattison street and Saux lane and grading, two thousand dollars; in all, navy-yard, New Orleans, two hundred and seventy-one thousand five hundred dollars.

Guantanamo.

NAVAL STATION, GUANTANAMO, CUBA: Dry dock, two hundred thousand dollars; dredging at Toro Key, forty thousand dollars; sea wall at Toro Key, seventy-five thousand dollars; reservoir and water system, fifty thousand dollars; clearing and grading, twenty thousand dollars; in all, three hundred and eighty-five thousand dollars.

Tutuila.

NAVAL STATION, TUTUILA: New deck for wharf, five thousand dollars; in all, naval station, Tutuila, five thousand dollars.

Cavite.

NAVAL STATION, CAVITE, PHILIPPINE ISLANDS: Floating steel dry dock, to continue, seven hundred and twenty-five thousand dollars; for improving and enlarging naval prison, ten thousand dollars; in all, seven hundred and thirty-five thousand dollars.

Olongapo.

NAVAL STATION, OLONGAPO, PHILIPPINE ISLANDS: To complete survey of reservation, twenty thousand dollars; for repairing buildings erected by the Spaniards for temporary use as shops, storehouses, offices, and so forth, twenty-five thousand dollars; toward building one thousand seven hundred and fifty feet of quay wall, at one hundred and forty-four dollars per foot (one-fourth), sixty-three thousand dollars; commandant's quarters, nine thousand dollars; three officers' quarters, eighteen thousand dollars; toward constructing Marine barracks and outbuildings, fifty thousand dollars; Marine officers' quarters, six thousand dollars; dredging entrance to basin—channel four hundred by thirty-five feet deep, about twenty-five thousand cubic yards, at thirty cents, seven thousand five hundred dollars; dredging in basin in front of quay walls, one hundred and sixty thousand cubic yards, at thirty cents, for floating dock, forty-eight thousand dollars; water supply from brick-yard springs (capacity fifty thousand gallons in ten hours), eleven thousand feet four-inch galvanized-iron pipe, forty-seven and one-half cents per foot, five thousand two hundred and twenty-five dollars; valves and fittings, two hundred and fifty dollars; freight and transportation, seven hundred and twenty dollars; distribution in the yard, one thousand five hundred dollars; laying pipes, three thousand two hundred dollars; temporary reservoir, forty by forty by ten feet, capacity one hundred thousand gallons, five thousand dollars; one pier for use in landing and receiving stores for immediate use, one hundred thousand dollars; toward coaling plant, five hundred thousand dollars; in all, eight hundred and sixty-two thousand three hundred and ninety-five dollars.

Power plants, consolidation of, at navy yards.

The Secretary of the Navy is hereby authorized, in his discretion, to consolidate the several power plants in any or all of the several navy-yards and stations at each navy-

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yard and station under the Bureau of Yards and Docks for the generation and distribution of light, heat, and power for all the purposes of the Navy. To the above end all such plants may be transferred from other bureaus to the Bureau of Yards and Docks, and all appropriations heretofore made for power houses and power plants for bureaus other than Yards and Docks are hereby reappropriated and made available under the Bureau of Yards and Docks for the consolidations herein provided for; and to further carry out the purposes of this provision there is hereby appropriated the sum of three hundred thousand dollars.

* * * * *

Plans and specifications.

PLANS AND SPECIFICATIONS FOR PUBLIC WORKS: For the preparation of plans and specifications for public works, and for plans and estimates required by section thirty-six hundred and sixty-three, Revised Statutes, for public works, forty-five thousand dollars.

* * * * *

UNDER THE SECRETARY OF THE NAVY.

BUILDINGS AND GROUNDS, NAVAL ACADEMY: Toward the construction and furnishing of buildings, and for other necessary improvements, at the Naval Academy, Annapolis, Maryland, as authorized by the acts of Congress approved June seventh, nineteen hundred, and March third, nineteen hundred and three, three million dollars.

Naval Academy Hospital.

In order to further improve the grounds at the Naval Academy and secure the best site for the naval hospital heretofore authorized and appropriated for, the removal of the cemetery from its present site to another to be selected is authorized, if the Secretary, in his discretion, shall deem advisable, and to this end the sum of thirty thousand dollars, or so much as is necessary, to be immediately available, is authorized to be expended out of the three million dollars above appropriated.

PUBLIC WORKS UNDER BUREAU OF NAVIGATION.

Buildings: California.

NAVAL TRAINING STATION, CALIFORNIA (BUILDINGS): Salt-water fire-protection system, fourteen thousand dollars; ventilation and sanitary improvement of barracks for increased cleanliness and to prevent spread of contagious diseases, five thousand dollars; in all, nineteen thousand dollars.

Rhode Island.

NAVAL TRAINING STATION, RHODE ISLAND (BUILDINGS): Continuing sea wall on west side of island, and completing breakwater, ten thousand dollars; moving and rebuilding stables and farmer's house to clear site for officers' quarters, four thousand dollars; in all, naval training station, Rhode Island, fourteen thousand dollars.

Great Lakes, establishment of station at.

NAVAL TRAINING STATION, GREAT LAKES: The purchase of land and the establishment of a naval training station

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on the Great Lakes, two hundred and fifty thousand dollars. The President is hereby authorized and empowered to appoint a board consisting of not less than three members, none of whom shall be a resident of any State bordering on the Great Lakes, whose duty it shall be to select the most available site for such naval training station on the Great Lakes, and having selected such site, to ascertain and report its probable cost and the probable expenditure which will be necessary for improving the same, including lake shore protection and construction of necessary harbor facilities; and to make a detailed report of their findings and proceedings to the President who, upon approval of such report, shall authorize the purchase of such site and the establishment of such naval training station. And to defray the expenses of said board, the sum of five thousand dollars, or so much thereof as may be necessary, to be immediately available, is hereby appropriated out of any money in the Treasury not otherwise appropriated.

War College. NAVAL WAR COLLEGE, RHODE ISLAND (BUILDINGS): Altering the building formerly belonging to training station and fitting the same for occupancy by officers of the war college, six thousand five hundred dollars.

Furniture for the extension of the Naval War College now nearing completion, one thousand six hundred and twenty-five dollars.

* * * * *

PUBLIC WORKS, BUREAU OF ORDNANCE.

Magazine, New England coast, purchase of land for. For naval magazine, New England: "For the purchase of land for a site for a naval magazine on or near the New England coast, north of Cape Cod, and toward the erection thereon of the necessary buildings, of inclosing said grounds, of grading and filling in, of building roads and walks, of the improvement of the water front, of the necessary wharves and cranes, of railroad tracks and rolling stock for local service, of fire and water service, and of the equipment of the establishment, seventy thousand dollars, or as much thereof as may be necessary; and the Secretary of the Navy may employ, and pay out of the appropriation hereby authorized, such additional expert aids, surveyors, architects, superintendents of construction, or draftsmen as may be necessary for the preparation of the plans and specifications and prosecution of the work authorized, to an amount not to exceed fifteen thousand dollars: *Provided*, That the total cost of the establishment, complete in all respects, shall not exceed the sum of five hundred thousand dollars: *And provided further*, That should the Secretary of the Navy be unable to purchase the land for the site from the owners thereof, at a fair and reasonable valuation, he is hereby authorized and directed to institute proceedings for the condemnation of such part or parts

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thereof as may be necessary: *And provided further*, That the Secretary of the Navy is hereby authorized and directed to discontinue the magazine now in the city of Chelsea not later than the time when the new magazine for the New England coast is ready to be occupied." Magazine, Chelsea, discontinue.

NAVAL POWDER DEPOT, LAKE DENMARK, NEW JERSEY: Improvements to present water system, new water mains, hydrants, and so forth, six thousand dollars; additional filling house, two thousand dollars; lengthening railroad switch, two thousand dollars; in all, naval magazine, Dover, Lake Denmark, New Jersey, ten thousand dollars. Improvements, Lake Denmark.

NAVAL MAGAZINE, SAINT JULIENS CREEK, NORFOLK, VIRGINIA: One magazine building, including lightning protection, track connections, and so forth, ten thousand dollars; extension of gun-cotton magazine, one thousand one hundred dollars; in all, eleven thousand one hundred dollars. St. Juliens Creek.

NAVAL TORPEDO STATION, NEWPORT, RHODE ISLAND: Addition to chemical laboratory, one thousand dollars; addition to seamen's quarters and central latrine for employees, one thousand six hundred dollars; coal shed and shed for fire hose and fire apparatus, one thousand five hundred dollars; fireproof storehouse for torpedo-boat supplies, thirty thousand dollars; in all, Newport, Rhode Island, thirty-four thousand one hundred dollars. Torpedo station, Newport.

NAVAL PROVING GROUND, INDIAN HEAD, MARYLAND: Concreting range battery, three thousand five hundred dollars; improvements to wharves and slips, eight thousand dollars; sulphuric-acid plant, consisting of the necessary buildings and apparatus for making sulphuric acid, fifty-five thousand dollars; coal-storage and coal-handling facilities, ten thousand dollars; additional powder magazines, twenty thousand dollars; extension of boiler plant, twenty-five thousand dollars; in all, naval proving ground, Indian Head, one hundred and twenty-one thousand five hundred dollars. Indian Head.

NAVAL MAGAZINE, FORT MIFFLIN, PENNSYLVANIA: New powder magazine, including lightning protection, track connections, and so forth, twenty thousand dollars; Fort Mifflin.

NAVAL MAGAZINE, MARE ISLAND, CALIFORNIA: One observation magazine for suspected powders, five hundred dollars; one filling house, one thousand seven hundred dollars; Mare Island.

NAVAL MAGAZINES, PHILIPPINE ISLANDS: Powder magazines, shell and filling houses, and so forth, fifty thousand dollars; Philippine Islands.

* * * * *

UNDER BUREAU OF EQUIPMENT.

NAVAL OBSERVATORY: For grounds and roads; continuing grading, extending roads and paths, clearing and improving grounds, five thousand dollars; Naval Observatory.

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Fence: Materials for fence to inclose the whole of the Observatory grounds, two thousand eight hundred dollars.

BUREAU OF MEDICINE AND SURGERY.

* * * * *

Remains, transportation of.

TRANSPORTATION OF REMAINS: To enable the Secretary of the Navy, in his discretion, to cause to be transferred to their homes the remains of officers and enlisted men of the Navy and Marine Corps who die or are killed in action ashore or afloat, and also to enable the Secretary of the Navy, in his discretion, to cause to be transported to their homes the remains of civilian employees who die outside of the continental limits of the United States, fifteen thousand dollars: *Provided*, That the sum herein appropriated shall be available for payment for transportation of the remains of officers and men who have died while on duty at any time since April twenty-first, eighteen hundred and ninety-eight, and shall be available until used, and applicable to past as well as future obligations.

* * * * *

PUBLIC WORKS UNDER BUREAU OF MEDICINE AND SURGERY.

Improvements, naval hospitals.

NAVAL HOSPITAL, NORFOLK, VIRGINIA: Changing officers' quarters into wards for enlisted men, and building

Norfolk.

quarters for officers outside of naval hospital, twenty thousand dollars.

Canacao.

NAVAL HOSPITAL, CANACAO, PHILIPPINE ISLANDS: Naval hospital at Canacao, Philippine Islands, to complete, seventy thousand dollars.

SUPPLIES AND ACCOUNTS.

Pay department stores, sale of.

PROVISIONS, NAVY: * * * It is "*Provided*, That pay department stores may be sold to civilian employees at naval stations beyond the continental limits of the United States and in Alaska, under such regulations as the Secretary of the Navy may prescribe.

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BUREAU OF CONSTRUCTION AND REPAIR.

* * * * *

Two seagoing tugs.

For seagoing tugs: "Two seagoing tugs, with all fittings, complete, each, one hundred and seventy-five thousand dollars."

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STEAM ENGINEERING.

* * * * *

Steam turbine, test of.

EXTENDED TESTS OF MARINE STEAM TURBINES: For an extended series of tests, and for original investigation

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and research, in connection with the determination of the efficiency, economy, adaptability, and endurance of the steam turbine for naval purposes, twenty-five thousand dollars.

Machinery plants at navy yards. Boston.

Machinery plant, navy-yard, Boston, Massachusetts: Necessary to furnish new power plant and a number of locomotive cranes required for handling heavy parts of machinery, seventy-five thousand dollars.

Norfolk.

Machinery plant, navy-yard, Norfolk, Virginia: To furnish new and additional tools for pattern shops and foundry; also to furnish condensing apparatus for the new power plant, air compressors, and locomotive cranes, fifty thousand dollars.

* * * * *

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: * * *.

A. N. Skinner, appointment of a professor, mathematics.

Provides "that the President be authorized, by and with the advice and consent of the Senate, to appoint a professor of mathematics of the rank of commander to rank after Aaron Nichols Skinner and to be an extra number in the list of professors of mathematics in the Navy."

* * * * *

Additional employees.

For "one assistant instructor in gymnastics, one thousand dollars; one clerk to the Superintendent, nine hundred dollars; one assistant baker, five hundred and forty dollars; one mechanic in department of physics, seven hundred and twenty dollars; one cook, six hundred dollars; * * *."

Ensigns, appointment of from warrant officers.

Provides "that subject to the restrictions imposed by existing law, boatswains, gunners, and warrant machinists shall be eligible for appointment to the grade of ensign after four years' service as warrant officers, and boatswains, gunners, carpenters, and sailmakers shall be eligible for appointment as chief boatswains, chief gunners, chief carpenters, and chief sailmakers after six years from date of warrant."

MARINE CORPS.

PAY, MARINE CORPS: * * *.

Compensation, extra to enlisted men.

Provides for * * * "additional compensation for enlisted men of the Marine Corps regularly detailed as gun pointers, messmen, signalmen, or holding good conduct medals, pins or bars * * *."

MILITARY STORES, MARINE CORPS: * * *.

Army rifles, reimbursement for.

To reimburse the Ordnance Department, United States Army, for two thousand magazine rifles, caliber thirty, latest model, delivered to the assistant quartermaster, United States Marine Corps, Philadelphia, Pennsyl-

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vania, on August seventeenth, nineteen hundred and three, twenty-eight thousand five hundred and forty dollars, to remain available not to exceed two years, to replace like ordnance stores.

* * * * *

Marine officers, retirement of.

Provides "that officers of the Marine Corps with creditable records who served during the civil war shall, when retired, be retired in like manner and under the same conditions as provided for officers of the Navy who served during the civil war."

PUBLIC WORKS, MARINE CORPS.

Improvements to barracks.

Barracks and quarters, Marine Corps: Construction and completion of one brick boiler house and bakery,

Portsmouth.

navy-yard, Portsmouth, New Hampshire, five thousand dollars;

Boston.

Installation of electric lights in barracks and officers' quarters, navy-yard, Boston, Massachusetts, two thousand five hundred dollars;

Washington.

Construction and completion of an addition to marine barracks, including the erection and furnishing of a band room, mess hall, men's kitchen, and men's gymnasium, marine barracks, Washington, District of Columbia, one hundred and fifty thousand dollars;

New Orleans.

Construction and completion of marine barracks and one set of officers' quarters, six thousand five hundred dollars, which sum shall be in addition to fifteen thousand dollars appropriated for this object in the naval appropriation act approved March third, nineteen hundred and one, naval station, New Orleans, Louisiana, six thousand five hundred dollars;

Olongapo.

Construction and equipment of a cold-storage and ice plant, Olongapo, Philippine Islands, five thousand dollars;

Total public works under Marine Corps, one hundred and sixty-nine thousand dollars.

INCREASE OF THE NAVY.

That for the purpose of further increasing the Naval Establishment of the United States, the President is hereby authorized to have constructed by contract or in navy-yards as hereinafter provided—

One battleship.

One first-class battle ship, carrying the heaviest armor and most powerful armament for a vessel of its class upon a trial displacement of not more than sixteen thousand tons; to have the highest practicable speed and great radius of action, and to cost, exclusive of armor and armament, not exceeding four million four hundred thousand dollars.

Two armored cruisers.

Two first-class armored cruisers, of not more than fourteen thousand five hundred tons trial displacement, carry-

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ing the heaviest armor and most powerful armament for a vessel of its class; to have the highest practicable speed and great radius of action, and to cost, exclusive of armor and armament, not exceeding four million four hundred thousand dollars each.

Three scout cruisers. Three scout cruisers, of not more than three thousand seven hundred and fifty tons trial displacement, carrying the most powerful ordnance of vessels of their class; to have the highest speed compatible with good cruising qualities and great radius of action, and to cost exclusive of armament, not exceeding one million eight hundred thousand dollars each.

Two colliers. Two colliers, to be capable of accompanying the battle fleet; to carry five thousand tons of cargo coal, loaded, and to have a trial speed of not less than sixteen knots, to cost not exceeding one million two hundred and fifty thousand dollars each. Said colliers shall be built in navy-yards, one on the Pacific and the other on the Atlantic coast, the same to be designated by the Secretary of the Navy.

Where built.

Contract, award of. And the contract for the construction of said vessels shall be awarded by the Secretary of the Navy to the lowest best responsible bidder, having in view the best results and most expeditious delivery; and in the construction of all of said vessels the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the naval establishment," as to materials for said vessels, their engines, boilers, and machinery, the contracts under which they are built, the notice of any proposals for the same, the plans, drawings, specifications therefor, and the method of executing said contracts shall be observed and followed, and, subject to the provisions of this act, all said vessels shall be built in compliance with the terms of said act, and in all their parts shall be of domestic manufacture; and the steel material shall be of domestic manufacture, and of the quality and characteristics best adapted to the various purposes for which it may be used, in accordance with specifications approved by the Secretary of the Navy; and not more than two of the vessels provided for in this act shall be built by one contracting party: *Provided*, That the Secretary of the Navy may build any or all of the vessels herein authorized in such navy-yards as he may designate, and shall build any of the vessels herein authorized in such navy-yards as he may designate, should it reasonably appear that the persons, firms, or corporations, or the agents thereof, bidding for the construction of any of said vessels have entered into any combination, agreement, or understanding the effect, object, or purpose of which is to deprive the Government of fair, open, and unrestricted competition in letting contracts for the construction of any of said vessels.

Where built.

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Submarines, $850,000 for.

The Secretary of the Navy is hereby authorized, in his discretion, to contract for or purchase subsurface or submarine torpedo boats in the aggregate of, but not exceeding, eight hundred and fifty thousand dollars: *Provided*, That prior to said purchase or contract for said boats any American inventor or owner of a subsurface or submarine torpedo boat may give reasonable notice and have his, her, or its subsurface or submarine torpedo boat tested by comparison or competition, or both, with a Government subsurface or submarine torpedo boat or any private competitor, provided there be any such, and thereupon the board appointed for conducting such tests shall report the result of such competition or comparison, together with its recommendations, to the Secretary of the Navy, who may purchase or contract for subsurface or submarine torpedo boats in a manner that will best advance the interests of the United States in torpedo or submarine warfare: *And provided further*, That before any subsurface or submarine torpedo boat is purchased or contracted for it shall be accepted by the Navy Department as fulfilling all reasonable requirements for submarine warfare and shall have been fully tested to the satisfaction of the Secretary of the Navy. To carry out the purpose aforesaid the sum of eight hundred and fifty thousand dollars is hereby appropriated out of any money in the Treasury not otherwise appropriated; and to make up said sum of eight hundred and fifty thousand dollars, the sum of five hundred thousand dollars carried, or such parts thereof as may remain unexpended, and authorized in the naval appropriation act, approved March third, nineteen hundred and three, is hereby reappropriated.

Construction and machinery.

CONSTRUCTION AND MACHINERY: On account of the hulls, outfits, and machinery of vessels, and steam machinery of vessels heretofore authorized, nineteen million eight hundred and twenty-six thousand eight hundred and sixty dollars.

Armor and armament.

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for the vessels authorized, twelve million dollars.

The Secretary of the Navy is hereby authorized to procure by contract armor of the best quality for any or all vessels herein authorized at such price as in his judgment is just and reasonable.

Approved, April 27, 1904.

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FIFTY-EIGHTH CONGRESS, THIRD SESSION, MARCH 3, 1905.

[PUBLIC—No. 214.]

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and six, and for other purposes.

[Provision is made for the Naval Establishment, and under the headings—]

PAY OF THE NAVY.

It is * * * "*Provided*, That the sum of two million five hundred thousand dollars from the unexpended balances remaining in the Treasury under appropriations 'Pay of the Navy, nineteen hundred and two,' and 'Pay of the Navy, nineteen hundred and three,' is hereby reappropriated for the 'Pay of the Navy for the fiscal year ending June thirtieth, nineteen hundred and six.'" Unexpended balances, reappropriated.

BUREAU OF ORDNANCE.

* * * * *

For tools, such as milling machines, planer, burnisher, band saw, wood-turning lathe, grindstone, and so forth, at navy-yard, Portsmouth, New Hampshire, five thousand dollars. Improvements at navy yards. Portsmouth.

Traveling cranes for ordnance machine shop at navy-yard, New York, six thousand three hundred dollars. New York.

Navy-yard, Washington, District of Columbia, namely: New and improved machinery for existing shops, one hundred thousand dollars; the third-fourth boilers and installation of same, fifty thousand dollars; new locomotive, eight thousand dollars * * *. Washington.

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BUREAU OF EQUIPMENT.

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OCEAN AND LAKE SURVEYS: * * *. It is *Provided*, That one thousand five hundred dollars may be expended by the Secretary of the Navy in procuring a survey and estimate of cost for a channel into Welles Harbor, Midway Islands. Welles Harbor. Midway Islands, channel into.

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PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: Railroad and rolling stock, additions, five thousand dollars; sewer systems, extension, five thousand dollars; underground Portsmouth.

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conduit system, to continue, ten thousand dollars; quay walls, to extend, seventy thousand dollars; grading, to continue, thirty thousand dollars; piers and slips, to extend, twenty-five thousand dollars; fittings for dry dock numbered two, thirty-five thousand dollars; sidewalks and streets, five thousand dollars; boiler shop for steam engineering, to cost completed not to exceed one hundred and forty thousand dollars, seventy-five thousand dollars; toward pattern shop for steam engineering, thirty-nine thousand four hundred dollars; rebuilding and extending coaling plant, thirty thousand dollars; telephone system, extension, one thousand dollars; naval prison, administration building (to cost one hundred and thirty thousand dollars), seventy thousand dollars; in all, four hundred thousand four hundred dollars.

Boston. NAVY-YARD, BOSTON, MASSACHUSETTS: Sewer system, extensions, fifteen thousand dollars; paving, to continue, twenty-five thousand dollars; railroad system, extensions, twelve thousand five hundred dollars; water system, extensions, five thousand two hundred and thirty dollars; track for traveling crane, extension, thirty-four thousand three hundred and ten dollars, fire-protection system, to extend, eight thousand five hundred dollars; foundations for steam engineering tools, four thousand two hundred and sixty dollars; approach to dry dock numbered one, forty-three thousand one hundred dollars; oil storehouse, fifteen thousand dollars; in all, navy-yard, Boston, one hundred and sixty-two thousand nine hundred dollars.

New York. NAVY-YARD, NEW YORK, NEW YORK: Paving and grading, to continue, ten thousand dollars; railroad system, extensions, eight thousand dollars; electric plant, extensions, ten thousand dollars; railroad equipment, additional, five thousand dollars; underground conduits, extensions, ten thousand dollars; sewers and drains, additional, five thousand dollars; latrines, additional, four thousand dollars; telephone system, extension, two thousand dollars; scale house and scales, six thousand dollars; auxiliary hoist for one-hundred-ton crane, twenty thousand dollars; bridge between buildings six and one hundred and fifteen, one thousand two hundred dollars; improvement in building eight, one thousand dollars; in all, navy-yard, New York, New York, eighty-two thousand two hundred dollars.

League Island. NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: To continue retaining wall about reserve basin, one hundred thousand dollars; grading and paving, to continue, twenty thousand dollars; sewer system, extensions, ten thousand dollars; railroad system, extension, twelve thousand dollars; dredging and filling in Delaware water front, to continue, thirty thousand dollars; water system, extension, five thousand dollars; fire-protection system, extensions, five thousand dollars; extension of

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reserve basin, to continue dredging, seventy-five thousand dollars; locomotive crane track, extension, twenty-five thousand dollars; underground conduit system, extension, fifteen thousand dollars; telephone system, improvements, two thousand five hundred dollars; extension of building twenty-four, three thousand dollars; locomotive crane for yards and docks, seven thousand five hundred dollars; berth for receiving ship, twenty thousand dollars; water-closets, additional, five thousand dollars; pump and boiler for caisson, dry dock numbered one, two thousand dollars; piers, extensions, forty thousand dollars; in all, navy-yard, League Island, three hundred and seventy-seven thousand dollars.

Washington.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: Paving, to extend, eight thousand dollars; underground conduit system, to extend, five thousand dollars; dredging, to continue, five thousand dollars; building for electric power plant extension, to complete, seventy-five thousand dollars; fire and telephone station and naval prison building, fourteen thousand dollars; fire-protection system, to extend, five thousand dollars; railroad system, to extend, five thousand dollars; heating system, extension, five thousand dollars; water system, to extend, fifteen thousand dollars; in all, navy-yard, Washington, one hundred and thirty-seven thousand dollars.

Charleston.

NAVY-YARD, CHARLESTON, SOUTH CAROLINA: Stone and concrete dry dock, to continue, two hundred and fifty thousand dollars; approach to dry dock, fifty-seven thousand dollars; equipment for yards and docks workshop, five thousand dollars; grading and paving, fifteen thousand dollars; railroad system, extensions, five thousand dollars; railroad equipment, five thousand dollars; water system, extension, four thousand dollars; fire-protection system, five thousand dollars; machinery for yards and docks power house, fifty thousand dollars; in all, navy-yard, Charleston, South Carolina, three hundred and ninety-six thousand dollars.

Norfolk.

NAVY-YARD, NORFOLK, VIRGINIA: Piers and slips, to continue, fifty thousand dollars; dredging, to continue, five thousand dollars; electric plant, extensions, twenty thousand dollars; paving and grading, additional, seven thousand five hundred dollars; railroad rolling stock, additional, three thousand dollars; fire-protection system, extensions, five thousand dollars; heating system, extensions, three thousand dollars; locomotive, six thousand dollars; underground conduit system, ten thousand dollars; improvement to one-hundred-ton shears, fifteen thousand dollars; telephone system, extensions, two thousand dollars; sewers, extensions, three thousand dollars; wharf extension at Saint Helena, eight thousand five hundred dollars; roads at Saint Helena, four thousand dollars; storehouse and issuing room for clothing at Saint Helena, three thousand five hundred dollars; house for

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contagious diseases, two thousand five hundred dollars; in all, navy-yard, Norfolk, Virginia, one hundred and forty-eight thousand dollars.

Key West. NAVAL STATION, KEY WEST, FLORIDA: Fire-protection system, extension, three thousand dollars; pumping plant for fresh water, five thousand dollars; dredging and filling in, fifteen thousand dollars; water system, six thousand dollars; in all, navy-yard, Key West, Florida, twenty-nine thousand dollars.

Mare Island. NAVY-YARD, MARE ISLAND, CALIFORNIA: Railroad system, extension, five thousand dollars; electric-plant system, extension, five thousand dollars; improvement of channel in Mare Island Strait, to continue, one hundred thousand dollars; sewer system, extensions, three thousand dollars; telephone system, extensions, one thousand dollars; paving and grading, to continue, ten thousand dollars; heating system, extension, five thousand dollars; addition to fire-engine house, building ninety-nine, four thousand dollars; two floats, four thousand dollars; improvements to building seventy-seven, one thousand five hundred dollars; improvements to building seventy-one, five hundred dollars; moving and improving washhouse, four thousand two hundred dollars; completion of torpedo-boat wharf, three thousand dollars; shed for condemned provisions, one thousand dollars. For the purpose of preparing and equipping yard for the construction of vessels, one hundred and seventy-five thousand dollars; in all, navy-yard, Mare Island, three hundred and twenty-two thousand two hundred dollars.

Puget Sound. NAVY-YARD, PUGET SOUND, WASHINGTON: Sewer system, extensions, five thousand dollars; to continue grading, twenty thousand dollars; fire-protection system, extensions, ten thousand dollars; electric-light plant, extensions, ten thousand dollars; telephone system, extensions, one thousand five hundred dollars; railroad and equipment, extensions, six thousand dollars; boat shop for construction and repair, to equip and complete, twenty-five thousand dollars; water system, extensions, three thousand dollars; heating system, extensions, six thousand dollars; locomotive and crane track about dry dock, to continue, thirty thousand dollars; dredging, to continue, ten thousand dollars; quay wall, extension, twenty-five thousand dollars; roads and walks, extensions, five thousand dollars; joiner shop, for construction and repair, to complete, five thousand dollars; machinery for yards and docks, two thousand dollars; piers, additional, fifty thousand dollars; in all, navy-yard, Puget Sound, Washington, two hundred and thirteen thousand five hundred dollars.

Pensacola. NAVY-YARD, PENSACOLA, FLORIDA: Central power house (to complete), forty-four thousand five hundred dollars; tools for yards and docks, two thousand dollars; water system, ten thousand dollars; fire-protection system, five

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thousand dollars; closets and lavatories, three thousand five hundred dollars; garbage crematory, seven thousand five hundred dollars; machinery for central power house (to cost one hundred and twenty thousand dollars), fifty thousand dollars; railroad track and equipment, ten thousand dollars; telephone system, extensions, two thousand dollars; elevator for building numbered one, one thousand dollars; in all, navy-yard, Pensacola, one hundred and thirty-five thousand five hundred dollars.

NAVAL STATION, NEW ORLEANS, LOUISIANA: Improvement of water front, fifty thousand dollars; levee improvement and grading, ten thousand dollars; paving, ten thousand dollars; sewer system, extensions, five thousand dollars; water system, extensions, five thousand dollars; machinery and tools for yards and docks shop, five thousand dollars; fire-protection system, ten thousand dollars; in all, navy-yard, New Orleans, ninety-five thousand dollars: *Provided*, That the appropriation of ten thousand dollars for quarters for commandant and two officers' quarters for fourteen thousand dollars, authorized under the naval appropriation act for nineteen hundred and three, and two officers' quarters for ten thousand dollars, authorized under the naval appropriation act for nineteen hundred and five, are hereby consolidated for four officers' quarters at the naval station, New Orleans, Louisiana. New Orleans.

NAVAL STATION, TUTUILA, SAMOAN ISLANDS: Lumber shed, five hundred dollars; boathouse, five hundred dollars; in all, naval station, Tutuila, one thousand dollars. Tutuila.

NAVAL STATION, OLONGAPO, PHILIPPINE ISLANDS: Repairs to existing buildings, twenty-five thousand dollars; drainage canal, to complete, twenty-five thousand dollars; water system, to extend, twenty thousand dollars; roads and bridges, five thousand dollars; sewer system, fifteen thousand dollars; tools for general use, two thousand dollars; hoisting machinery, four thousand dollars; rock crusher and appurtenances, four thousand dollars; in all, one hundred thousand dollars. Olongapo.

NAVAL STATION, ISLAND OF GUAM: Dredging, five thousand dollars; extension of naval-station roads, five thousand dollars; in all, ten thousand dollars. Guam.

PLANS AND SPECIFICATIONS FOR PUBLIC WORKS: Plans and estimates required by section thirty-six hundred and sixty-three, Revised Statutes, and plans and specifications for public works, thirty thousand dollars. Plans and estimates.

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PUBLIC WORKS UNDER THE SECRETARY OF THE NAVY.

BUILDINGS AND GROUNDS, NAVAL ACADEMY: Toward the construction of buildings, and for other necessary improvements at the Naval Academy, Annapolis, Maryland, as authorized by the acts of Congress approved Naval Academy.

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June seventh, nineteen hundred, and March third, nineteen hundred and three, eight hundred thousand dollars.

PUBLIC WORKS UNDER BUREAU OF NAVIGATION.

Improvements at naval training stations. California.

NAVAL TRAINING STATION, CALIFORNIA, BUILDINGS: To complete salt water fire pumping system, hose, and hose houses, two thousand dollars; to complete and repair roads to wireless telegraph station on hill, one thousand five hundred dollars; painting outside and inside of officers' quarters, and repairs, two thousand dollars; necessary work on road from Pensacola wharf to barracks, five thousand dollars; heating mains, four thousand five hundred dollars; in all, fifteen thousand dollars.

Rhode Island.

NAVAL TRAINING STATION, RHODE ISLAND, BUILDINGS: Extension of buildings, increase of heating and lighting plants to afford sufficient capacity for new barracks and lecture room, and enlarging and covering coal bin, forty thousand dollars; additional story to assembly, lecture, and reading room, completion of same, in accordance with original plans, and furnishing of same, eleven thousand five hundred dollars; fire engine, with hose wagon, one thousand feet of hose, and small hose house, nine thousand dollars; furnishing the three double sets of officers' quarters, papering walls, oiling floors, supplying carpets and window shades, constructing roads and walks, and terracing, eleven thousand dollars; repairs to timber wharf and renewal of worn-out piling, two thousand dollars; feed cable for connecting the generating plant with officers' new quarters, one thousand dollars; in all, naval training station, Rhode Island, seventy-four thousand five hundred dollars.

Naval War College.

NAVAL WAR COLLEGE, RHODE ISLAND, BUILDINGS: For furniture for officers' quarters in building numbered ten formerly belonging to training station, two thousand dollars; for alterations to main war college building to improve lecture room, provide more committee rooms and offices, new entrance in rear, and change main stairway, repairs to and painting of main building, repairs to electric installations, and providing new feeder from generator station, three thousand dollars; in all, five thousand dollars.

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PUBLIC WORKS, BUREAU OF ORDNANCE.

Improvements, naval magazines.

NAVAL MAGAZINE, NEW YORK HARBOR (IONA ISLAND): Steam fire pump, two thousand dollars; new roof for administration building and repairs to walls, two thousand dollars; * * *.

Dover.

NAVAL MAGAZINE, DOVER, NEW JERSEY: For naval powder depot, Lake Denmark, New Jersey: Cleaning,

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filling in, grading, and erecting fences on tract of seventy-eight acres acquired by purchase last year as a source of water supply for the reservation, six thousand dollars; standpipe, one hundred and eighty thousand gallons capacity, for fire protection, electric pump for filling same, and extension to pump house for its accommodation, eleven thousand eight hundred dollars; thirteen small houses, each five by six feet, to be erected at hydrants for protection of hose kept for fire protection, one thousand six hundred dollars; new charging station and pipes for extension of supply of air for air locomotive, seven hundred and fifty dollars; retaining wall, fixed ammunition house numbered one, five hundred dollars; eco magneto watchman's clock system, to insure proper watch service, two thousand dollars. * * *.

St. Juliens Creek.

NAVAL MAGAZINE, SAINT JULIENS CREEK, NORFOLK, VIRGINIA: Repairing telephone line from navy-yard, one thousand dollars; improvement of the fire system, water tower and tank, pumping machinery, sprinklers, additional pipes, valves, and relaying pipes, fifteen thousand dollars; two steel frame corrugated galvanized-iron filling houses, twenty by thirty feet each, at one thousand dollars, two thousand dollars; * * *.

Indian Head.

NAVAL PROVING GROUND, INDIAN HEAD, MARYLAND: Repairs to creek wharf and water front, three thousand dollars; magazines for experimental purposes, seven thousand dollars; repairs to nitric-acid factory, ten thousand dollars; for grading, draining, clearing brush, five thousand dollars; * * *.

Fort Mifflin.

NAVAL MAGAZINE, FORT MIFFLIN, PENNSYLVANIA: Fresh-water cistern of about sixty-five thousand gallons capacity, with pump and connections, one thousand five hundred and fifty dollars; rebuild sea wall west of pier, ten thousand dollars; renew cribwork and repair wharf, five thousand dollars; * * *.

PUBLIC WORKS UNDER BUREAU OF EQUIPMENT.

Naval Observatory.

NAVAL OBSERVATORY: Grounds and roads; continuing grading, extending roads and paths, clearing and improving grounds, ten thousand dollars.

PUBLIC WORKS UNDER BUREAU OF MEDICINE AND SURGERY.

Improvements, naval hospital, Chelsea.

NAVAL HOSPITAL, CHELSEA, MASSACHUSETTS: Changing officers' quarters into wards for enlisted men, and building quarters for officers outside of naval hospital, twenty thousand dollars.

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BUREAU OF SUPPLIES AND ACCOUNTS.

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Freight charges, consolidation of.

For freight, Bureau of Supplies and Accounts: "All freight charges pertaining to the Navy Department and its bureaus, except the transportation of coal for the Bureau of Equipment, four hundred thousand dollars."

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BUREAU OF STEAM ENGINEERING.

* * * * *

Machinery plants, navy yards.

New York.

For machinery plant, navy-yard, New York, New York: "New and additional tools for copper, boiler, machine, and pattern shops and foundry, and for an additional portable tool house, and for a thirty-foot locomotive crane, forty thousand dollars."

Pensacola.

Machinery plant, navy-yard, Pensacola, Florida: Tools for use in repair of naval vessels, to replace others worn out, fifteen thousand dollars.

* * * * *

Assistant to Chief of Bureau Steam Engineering, creation of.

Provides "that a line officer of the Navy may be detailed as assistant to the Chief of the Bureau of Steam Engineering in the Navy Department, and that such officer during such detail shall receive the highest pay of his grade, and in case of death, resignation, absence, or sickness of the Chief of the Bureau shall, unless otherwise directed by the President, as provided by section one hundred and seventy-nine of the Revised Statutes, perform the duties of such chief until his successor is appointed or such absence or sickness shall cease."

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PUBLIC WORKS, MARINE CORPS.

Improvements to barracks.

Washington.

For barracks and quarters, Marine Corps: "Completion of guardroom, prison, and amusement room for enlisted men, Washington, District of Columbia, twenty-five thousand dollars."

Norfolk.

Water tower, rain-water cistern, pumps, and connections with local water service, navy-yard, Norfolk, Virginia, twenty-five thousand dollars.

* * * * *

INCREASE OF THE NAVY.

That for the purpose of further increasing the naval establishment of the United States, the President is hereby authorized to have constructed by contract or in navy-yards as hereinafter provided—

Two battleships.

Two first-class battle ships, carrying the heaviest armor and most powerful armament for vessels of their

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class upon a maximum trial displacement of not more than sixteen thousand tons; to have the highest practicable speed and great radius of action, and to cost, exclusive of armor and armament, not exceeding four million four hundred thousand dollars each.

Contract, award of.

And the contract for the construction of said vessels shall be awarded by the Secretary of the Navy to the lowest best responsible bidder, having in view the best results and most expeditious delivery; and in the construction of all of said vessels the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the naval establishment," as to materials for said vessels, their engines, boilers, and machinery, the contracts under which they are built, the notice of any proposals for the same, the plans, drawings, specifications therefor, and the method of executing said contracts shall be observed and followed, and, subject to the provisions of this act, all said vessels shall be built in compliance with the terms of said act, and in all their parts shall be of domestic manufacture; and the steel material shall be of domestic manufacture, and of the quality and characteristics best adapted to the various purposes for which it may be used, in accordance with specifications approved by the Secretary of the Navy; and not more than one of the vessels provided for in this act shall be built by one contracting party: *Provided*, That the Secretary of the Navy may build any or all of the vessels herein authorized in such navy-yards as he may designate, and shall build any of the vessels herein authorized in such navy-yards as he may designate, should it reasonably appear that the persons, firms, or corporations, or the agents thereof, bidding for the construction of any of said vessels have entered into any combination, agreement, or understanding the effect, object, or purpose of which is to deprive the Government of fair, open, and unrestricted competition in letting contracts for the construction of any of said vessels: *Provided*, That the limit of cost, exclusive of armor and armament, of each of the scout cruisers authorized by the act making appropriations for the Naval Service, approved April twenty-seventh, nineteen hundred and four, be one million nine hundred thousand dollars.

Where built.

Construction and machinery.

CONSTRUCTION AND MACHINERY: On account of the hulls, outfits, and machinery of vessels and steam machinery of vessels heretofore authorized, twenty-three million four hundred and ten thousand eight hundred and thirty-three dollars.

Armor and armament.

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for vessels authorized, eighteen million dollars.

Armor, inquiry into cost of.

And provided further, That the Secretary of the Navy shall cause a thorough inquiry to be made as to the cost

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of armor plate and of armor plant, the report of which shall be made to Congress.

Equipment.

INCREASE OF THE NAVY, EQUIPMENT: Toward the completion of the equipment outfit of the new vessels authorized, eight hundred and forty-five thousand dollars.

Total increase of the Navy, forty-two million two hundred and fifty-five thousand eight hundred and thirty-three dollars.

Approved, March 3, 1905.

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FIFTY-NINTH CONGRESS, FIRST SESSION, JUNE 29, 1906.

[PUBLIC—No. 336.]

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and seven, and for other purposes.

[Provision is made for the Naval Establishment, and under the headings—]

PAY OF THE NAVY.

Bounty, refund of.

It is * * * "*Provided*, That the Secretary of the Navy may, in his discretion, require the whole or a part of the bounty allowed upon enlistment to be refunded in cases where men are discharged during the first year of enlistment, by request, for inaptitude, as undesirable, or for disability not incurred in line of duty."

PAY, MISCELLANEOUS.

* * * * *

Loss of personal effects reimburse for.

To reimburse officers and enlisted men of the Navy and Marine Corps who were on duty under orders in San Francisco during the recent fire in that city for losses of clothing and other personal effects sustained by them through said fire, seven thousand dollars, or so much thereof as may be necessary: *Provided*, That such reimbursement shall be made under regulations to be prescribed by the Secretary of the Navy and upon vouchers to be approved by him in each case.

Officers, retirement of.

That any officer of the Navy not above the grade of captain who served with credit as an officer or as an enlisted man in the regular or volunteer forces during the civil war prior to April ninth, eighteen hundred and sixty-five, otherwise than as a cadet, and whose name is borne on the official register of the Navy, and who has heretofore been, or may hereafter be, retired on account of wounds or disability incident to the service or on account of age or after forty years' service, may, in the discretion of the President, by and with the advice and consent of the Senate, be placed on the retired list of the Navy with the rank and retired pay of one grade above that actually held by him at the time of retirement: *Provided*, That this act shall not apply to any officer who received an advance of grade at or since the date of his retirement or who has been restored to the Navy and placed on the retired list by virtue of the provisions of a special act of Congress.

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That any officer of the Marine Corps below the grade of brigadier-general who served with credit as an officer or as an enlisted man in the regular or volunteer forces during the civil war prior to April ninth, eighteen hundred and sixty-five, otherwise than as a cadet, and whose name is borne on the official register of the Marine Corps, and who has heretofore been, or may hereafter be, retired on account of wounds or disability incident to the service, or on account of age or after forty years' service, may, in the discretion of the President, by and with the advice and consent of the Senate, be placed on the retired list of the Marine Corps with the rank and retired pay of one grade above that actually held by him at the time of retirement: *Provided*, That this act shall not apply to any officer who received an advance of grade since the date of his retirement or who has been restored to the Marine Corps and placed on the retired list by virtue of the provisions of a special act of Congress.

That the provision contained in section thirteen of an act approved March third, eighteen hundred and ninety-nine, entitled "An act to reorganize and increase the efficiency of the personnel of the Navy and Marine Corps of the United States," reading as follows: "*Provided*, That such officers when on shore shall receive the allowances, but fifteen per centum less pay than when on sea duty; but this provision shall not apply to warrant officers commissioned under section twelve of this act," be, and the same is hereby, repealed.

Officers, pay of, on shore.

Chaplains, pay of.

That all chaplains now in the Navy above the grade of lieutenant shall receive the pay and allowances of lieutenant-commander in the Navy according to length of service under the provisions of law for that rank, and all chaplains now in the Navy in the grade of lieutenant shall receive their present sea pay when on shore duty: *Provided*, That naval chaplains hereafter appointed shall have the rank, pay, and allowances of lieutenant (junior grade) in the Navy until they shall have completed seven years of service, when they shall have the rank, pay, and allowances of lieutenant in the Navy; and lieutenants shall be promoted, whenever vacancies occur, to the grade of lieutenant-commander, which shall consist of five numbers, and when so promoted shall receive the rank, pay, and allowances of lieutenant-commander in the Navy: *Provided further*, That nothing herein contained shall be held or construed to increase the number of chaplains as now authorized by law or to reduce the rank or pay of any now serving.

That from and after the passage of this act the allowances of civil engineers and professors of mathematics in the Navy shall be the same as are or may be provided by or in pursuance of law for naval constructors, and the allowances of assistant civil engineers the same as for assistant naval constructors.

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The Solicitor in the office of the Judge-Advocate-General of the Navy shall hereafter receive an annual salary of four thousand dollars during the services of the present incumbent. Solicitor, pay of.

BUREAU OF NAVIGATION.

TRANSPORTATION, RECRUITING, AND CONTINGENT: Transportation: * * *. It is "*Provided*, That hereafter enlisted men, discharged on account of expiration of enlistment, shall receive in lieu of transportation and subsistence, travel allowance of four cents per mile from the place of discharge to the place of enlistment, for travel in the United States." Transportation upon discharge.

Recruiting: * * *. It is "*Provided*, That no part of this appropriation shall be expended in recruiting seamen, ordinary seamen, or apprentice seamen, unless a certificate of birth or written evidence, other than his own statement, satisfactory to the recruiting officer, showing the applicant to be of age required by naval regulations, shall be presented with the application for enlistment." Age, certificate as to.

* * * * *

OUTFITS ON FIRST ENLISTMENT: * * *. It is "*Provided*, That hereafter the Secretary of the Navy may, in his discretion, require the whole or a part of the cost of outfits allowed upon enlistment to be refunded in cases where men are discharged during the first six months of enlistment for any cause other than disability incurred in line of duty." Outfits, cost of refunded.

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For naval training station, Great Lakes: "Maintenance of naval training station: Labor and material; general care; repairs and improvements to grounds, buildings, and pier; street-car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same; fire extinguishers; heating, lighting, and furniture; stationery, books, and periodicals; ice, and washing; expressage; packing boxes, and materials; postage, telegraphing, and telephoning, and all other contingent expenses, twenty thousand dollars." Training station, Great Lakes, maintenance of.

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NAVAL HOME, PHILADELPHIA, PENNSYLVANIA: * * *. It is "*Provided*, That for the performance of such additional services in and about the Naval Home as may be necessary, the Secretary of the Navy is authorized to employ, on the recommendation of the governor, beneficiaries in said home, whose compensation shall be fixed by the Secretary and paid from the appropriation for the support of the home." Beneficiaries, employment of.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: * * *. It is "*Provided*, That no part of this appropriation shall be ex- Shells, purchase of.

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pended for the purchase of shells or projectiles except for shells or projectiles purchased in accordance with the terms and conditions of proposals submitted by the Secretary of the Navy to all of the manufacturers of shells and projectiles and upon bids received in accordance with the terms and requirements of such proposals. All shells and projectiles shall conform to the standards prescribed by the Secretary of the Navy."

Modern guns. For modernizing batteries Massachusetts, Oregon, and new guns and armor for New York, four hundred and sixty-six thousand dollars.

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For machine tools for ordnance machine shop, navy-yard, Boston, fifteen thousand dollars.

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Reserve powder and shell. For reserve powder and shell: "Toward the accumulation of a reserve supply of powder and shell, two million dollars: *Provided*, That no part of this appropriation shall be expended for the purchase of shells or projectiles except for shells or projectiles purchased in accordance with the terms and conditions of proposals submitted by the Secretary of the Navy to all of the manufacturers of shells and projectiles and upon bids received in accordance with the terms and requirements of such proposals. All shells and projectiles shall conform to the standards prescribed by the Secretary of the Navy."

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BUREAU OF EQUIPMENT.

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Wireless station, Pacific coast. For the preparation of sites, furnishing and erecting masts, buildings, and machinery foundations for United States naval wireless telegraph stations on the Pacific coast in the States of Washington, Oregon, and California, to be limited to the purposes above named, sixty-five thousand dollars.

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BUREAU OF YARDS AND DOCKS.

* * * * *

Chief, Bureau Yards and Docks, eligibility for. Provides that the Chief of the Bureau of Yards and Docks shall be selected from the members of the Corps of Civil Engineers of the Navy having not less than seven years' active service.

PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

Portsmouth. NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: Railroad and rolling stock, additions, three thousand dollars; sewer system, extension, three thousand dollars; quay walls, to extend, forty thousand dollars; grading, to continue, fif-

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teen thousand dollars; central power house, extension, thirty-five thousand dollars; central power plant, extension (to cost one hundred and twenty thousand dollars), sixty thousand dollars; central heating plant, extension, eight thousand dollars; water system, extension, five thousand dollars; workmen's landing near reservoir, one thousand dollars; shelves, racks, and fittings for storehouse numbered eighty-six, five thousand dollars; boiler shop for steam engineering, to complete, seventy-five thousand dollars; in all, two hundred and fifty thousand dollars.

Boston.

NAVY-YARD, BOSTON, MASSACHUSETTS: Paving, to continue, twenty thousand dollars; dredging, twenty thousand dollars; underground conduit, ten thousand dollars; power house, extension, thirty-nine thousand dollars; refuse kiln, five thousand three hundred dollars; paint room, building numbered seventy-seven, seven hundred and fifty dollars; in all, navy-yard, Boston, ninety-five thousand and fifty dollars.

New York.

NAVY-YARD, NEW YORK, NEW YORK: Paving and grading, to continue, three thousand dollars; railroad system, extensions, eight thousand dollars; electric plant, extensions, fifty thousand dollars; railroad equipment, additional, five thousand dollars; underground conduits, extensions, five thousand dollars; heating system, extensions, thirty thousand dollars; extension salt water suction and discharge pipes to power house, nine thousand dollars; street-cleaning equipment, three thousand dollars; lean-to for building numbered twenty, three thousand dollars; lean-to for building numbered one hundred and thirty-one, ten thousand dollars; disinfecting plant, two thousand five hundred dollars; in all, navy-yard, New York, New York, one hundred and twenty-eight thousand five hundred dollars.

League Island.

NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: To continue retaining wall about reserve basin, ten thousand dollars; sewer system, extensions, five thousand dollars; dredging and filling in Delaware water front, to continue, fifteen thousand dollars; fire-protection system, extensions, five thousand dollars; extension of reserve basin, to continue dredging, fifty thousand dollars; building for bathing, examination of recruits, and disinfection of clothing, ten thousand dollars; electric capstan for dry dock numbered one, three thousand dollars; central heating system, ten thousand dollars; in all, navy-yard, League Island, one hundred and eight thousand dollars.

Washington.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: Paving, to extend, five thousand dollars; underground conduit system, to extend, five thousand dollars; railroad system, to extend, five thousand dollars; heating system, extension, five thousand dollars; water system, to extend, ten thousand dollars; yard wall, to complete, twenty thousand dollars; extension and improvements, telephone

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and fire-alarm systems, three thousand dollars; extension of gas plant, ten thousand dollars; purchase of land west of yard, to complete, two hundred dollars; in all, navy-yard, Washington, sixty-three thousand two hundred dollars.

Charleston. NAVY-YARD, CHARLESTON, SOUTH CAROLINA: Stone and concrete dry dock, to continue, two hundred and fifty thousand dollars; grading and paving, five thousand dollars; railroad system, extensions, five thousand dollars; water system, extension, five thousand dollars; piers and slips, thirty-three thousand dollars; dredging, ten thousand dollars; underground conduit system, five thousand dollars; sewer system, extension, twelve thousand dollars; interior fittings, machine shop for construction and repair, eighteen thousand dollars; foundry and copper shop, to complete, fifty-eight thousand dollars; interior fittings, equipment building, eight thousand five hundred dollars; quay wall at dry dock entrance, forty thousand dollars; dry dock latrines, three thousand dollars; one officers' quarters, seven thousand dollars; dispensary building, twelve thousand dollars; in all, navy-yard, Charleston, South Carolina, four hundred and seventy-one thousand five hundred dollars.

Norfolk. NAVY-YARD, NORFOLK, VIRGINIA: Dredging, to continue, five thousand dollars; paving and grading, additional, two thousand five hundred dollars; fire-protection system, extensions, five thousand dollars; railroad tracks, extensions, five thousand dollars; improvements to building numbered sixteen, five thousand dollars; bollards and capstans for dry docks, five thousand dollars; improvements to forty-ton locomotive crane, two thousand dollars; concrete and granite dry dock, three hundred and fifty thousand dollars; repairs, buildings at Saint Helena, twenty-five thousand dollars; stable, marine barracks, five thousand dollars; in all, navy-yard, Norfolk, Virginia, four hundred and nine thousand five hundred dollars.

Key West. NAVAL STATION, KEY WEST, FLORIDA: Dredging and filling in, thirty thousand dollars; to complete two officers' quarters, one thousand two hundred dollars; marine railway, to complete, five thousand dollars; sewer system, three thousand dollars; in all, navy-yard, Key West, Florida, thirty-nine thousand two hundred dollars.

Mare Island. NAVY-YARD, MARE ISLAND, CALIFORNIA: Railroad system, extension, five thousand dollars; electric-plant system, extension, five thousand dollars; improvement of channel in Mare Island Strait, to complete, one hundred thousand dollars; sewer system, extensions, three thousand dollars; paving and grading, to continue, five thousand dollars; heating system, extension, five thousand dollars; improvements to building numbered one hundred and sixty-five, four thousand dollars; improvements and repairs, steam engineering, buildings, fifteen thou-

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sand dollars; bridge between buildings forty-five and sixty-five, one thousand dollars; in all, navy-yard, Mare Island, one hundred and forty-three thousand dollars.

Puget Sound.

NAVY-YARD, PUGET SOUND, WASHINGTON: Sewer system, extensions, three thousand dollars; to continue grading, ten thousand dollars; electric-light plant, extensions, five thousand dollars; water system, extensions, two thousand five hundred dollars; heating system, extensions, four thousand dollars; dredging, to continue, ten thousand dollars; roads and walks, extensions, two thousand five hundred dollars; stone and concrete dry dock (to cost one million two hundred and fifty thousand dollars), one hundred thousand dollars; smithery for construction and repair, to complete, four thousand dollars; telephone system, extensions, one thousand five hundred dollars; central power plant, sixty thousand dollars; water-closet for ships in dock, two thousand five hundred dollars; in all, navy-yard, Puget Sound, Washington, two hundred and five thousand dollars.

Pensacola.

NAVY-YARD, PENSACOLA, FLORIDA: Water system, five thousand dollars; sewer system, ten thousand dollars; conduits and conductors for distribution of power, five thousand dollars; crib for wooden floating dry dock, twenty thousand dollars; in all, navy-yard, Pensacola, forty thousand dollars.

New Orleans.

NAVAL STATION, NEW ORLEANS, LOUISIANA: Improvement of water front, forty thousand dollars; levee improvement and grading, ten thousand dollars; machinery and tools for yards and docks shop, three thousand dollars; central electric light and power plant, to complete, fifty thousand dollars; rebuilding cross wharf, ten thousand dollars; strengthening approaches to floating dock, nine thousand five hundred dollars; railroad system, five thousand dollars; underground conduit system, five thousand dollars; drainage system, eight thousand dollars; sawmill, boat shop, and storage for construction and repair, sixty thousand dollars; toward the construction of street around naval station in lieu of Patterson street, fifteen thousand dollars; in all, navy-yard, New Orleans, two hundred and fifteen thousand five hundred dollars.

Olongapo.

NAVAL STATION, OLONGAPO, PHILIPPINE ISLANDS: Purchase and installation of tools and machinery, one hundred thousand dollars; wharf for floating dry dock, sixty-five thousand dollars; extension of drainage canal, twenty-five thousand dollars; steam floating derrick, seventeen thousand dollars; in all, two hundred and seven thousand dollars.

Guam.

NAVAL STATION, ISLAND OF GUAM: Dredging, five thousand dollars; extension of naval-station roads, five thousand dollars; artesian well, two thousand dollars; in all, twelve thousand dollars.

Pearl Harbor.

NAVAL STATION, HAWAII: For the reclamation of that portion of the naval station at Honolulu, Hawaii, known

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as the Reef, from materials now being dredged from the harbor at Honolulu, and for the necessary dikes or retaining walls, thirty-five thousand dollars, or so much thereof as may be necessary.

Plans and specifications.

PLANS AND SPECIFICATIONS FOR PUBLIC WORKS: Plans and estimates required by section thirty-six hundred and sixty-three, Revised Statutes, and plans and specifications for public works, thirty thousand dollars.

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PUBLIC WORKS UNDER THE SECRETARY OF THE NAVY.

Naval Academy.

BUILDINGS AND GROUNDS, NAVAL ACADEMY: Toward the construction of buildings, and for other necessary improvements at the Naval Academy, Annapolis, Maryland, as authorized by the acts of Congress approved June seventh, nineteen hundred, and March third, nineteen hundred and three, seven hundred and fifty thousand dollars.

PUBLIC WORKS UNDER BUREAU OF NAVIGATION.

Naval training stations, California.

NAVAL TRAINING STATION, CALIFORNIA, BUILDINGS: New power plant, with wharf and fuel storage, thirty-nine thousand two hundred and fifty dollars; gymnasium, three thousand five hundred dollars; laundry shed, two thousand dollars; repairs to barracks, twenty-two thousand dollars; roads and grounds, three thousand dollars; in all, sixty-nine thousand seven hundred and fifty dollars.

Rhode Island.

NAVAL TRAINING STATION, RHODE ISLAND, BUILDINGS: Repairs to barracks "B," fifteen thousand dollars; salt-water pumping system, sixteen thousand dollars; artesian well and water system, seventeen thousand seven hundred dollars; underground conduit system, three thousand two hundred dollars; garbage incinerating plant, nine thousand dollars; improving and grading grounds, roadways, paths, and drains, and filling stagnant basins, five thousand dollars; sewerage system, extension, two thousand seven hundred and fifty dollars; in all, naval training station, Rhode Island, sixty-eight thousand six hundred and fifty dollars.

Naval War College.

NAVAL WAR COLLEGE, RHODE ISLAND, BUILDINGS: For additional book stacks, cases, and racks for the storage and preservation of books, maps, and records, one thousand two hundred dollars.

Great Lakes.

NAVAL TRAINING STATION, GREAT LAKES, BUILDINGS: Toward the construction of buildings at the naval training station, Great Lakes, seven hundred and fifty thousand dollars: *Provided*, That before any part of this sum is expended complete plans shall be prepared and approved by the Secretary of the Navy covering the contemplated new buildings at the naval training station,

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Great Lakes, which plans shall involve a total expenditure of not more than two million dollars: *And provided further*, That the Secretary of the Navy shall pay a fair and reasonable price for the plans herein provided for, in no event to exceed three and one-half per centum of the estimated cost of the improvements, and thereafter no money shall be expended or obligation incurred for architects except that the Secretary of the Navy is hereby authorized to employ in his discretion a consulting architect at a compensation not exceeding five thousand dollars per annum.

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PUBLIC WORKS, BUREAU OF ORDNANCE.

Naval magazines, Dover.

NAVAL MAGAZINE, DOVER, NEW JERSEY: One brick building to be used for drying smokeless powder, four thousand five hundred dollars; electric lights and feed wires for magazines numbered four and five, six hundred dollars; in all, naval magazine, Dover, Lake Denmark, New Jersey, five thousand one hundred dollars.

St. Juliens Creek.

NAVAL MAGAZINE, SAINT JULIENS CREEK, NORFOLK, VIRGINIA: One galvanized-iron storehouse, twenty-five thousand dollars; in all, twenty-five thousand dollars.

Indian Head.

NAVAL PROVING GROUND, INDIAN HEAD, MARYLAND: Telephones to range station, three thousand five hundred dollars; purchase and installation of six boiling tubs, one thousand two hundred dollars; extending pulping house, and altering installation of poachers, two thousand five hundred dollars; subdivision of trolley system for fire service, three thousand five hundred dollars; additional magazines, six thousand dollars; extension of railroad system, three thousand dollars; in all, naval proving ground, Indian Head, nineteen thousand seven hundred dollars.

Fort Mifflin.

Naval magazine, Fort Mifflin, Pennsylvania: Extension of fire service, three thousand dollars; completion of sea wall south of wharf, three thousand dollars; in all, six thousand dollars.

New England coast.

Naval magazine, New England coast: Toward securing the land and the erection of the necessary buildings on ground, the purchase of which is now under negotiation, as authorized by the act approved April twenty-seventh, nineteen hundred and four, for a new naval magazine on the New England coast; also toward inclosing said grounds, grading and filling in, building roads and walks, improvement of the water front, necessary wharves and cranes, railroad tracks, and rolling stock for local service, fire and water service, and equipment of the establishment, including the service of such additional expert aids, surveyors, architects, superintendents of construction, or draftsmen, as may be necessary for the prepara-

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tion of the plans and specifications and prosecution of the work to an extent not to exceed fifteen thousand dollars, two hundred thousand dollars: *Provided*, That when the naval magazine on or near the New England coast provided for by an act of Congress approved April twenty-seventh, nineteen hundred and four, is completed, the Secretary of the Navy shall discontinue the present magazine in the city of Chelsea, Massachusetts, and sell such portion of the magazine and naval hospital grounds in said city of Chelsea as is undesirable for hospital purposes at public auction or private sale, upon such terms and conditions as shall be satisfactory to him, and the money derived from such sale shall be applied to remodeling and modernizing the hospital buildings now on said hospital grounds, and the balance of said money, if there be any after said remodeling and modernization, shall be placed to the credit of the hospital fund of the Navy.

Fort Lafayette. Naval magazine, Fort Lafayette, New York: Necessary improvements to dock and sea wall, two thousand dollars.

Mare Island. Naval magazine, Mare Island, California: One magazine building, thirty by eighty feet, seven thousand dollars; extension of building "A5" fifty feet, three thousand one hundred dollars; extension of primer house twenty by twenty feet, one thousand two hundred dollars; in all, eleven thousand three hundred dollars.

Pensacola. Naval magazine, Pensacola, Florida: Standpipe, with pump and necessary piping for connection with present magazine and shell houses, five thousand dollars.

Torpedo station, Newport. Torpedo station, Newport, Rhode Island: Repairs to sea wall, five thousand three hundred dollars; extension of compressor room, one thousand one hundred dollars; extension of tinsmith shop, one thousand eight hundred dollars; new paint shop, one thousand two hundred dollars; in all, nine thousand four hundred dollars.

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PUBLIC WORKS UNDER BUREAU OF EQUIPMENT.

Naval Observatory. NAVAL OBSERVATORY: Grounds and roads: Continuing grading, extending roads and paths, clearing and improving grounds, ten thousand dollars.

PUBLIC WORKS UNDER BUREAU OF MEDICINE AND SURGERY.

Improvements, naval hospitals. Yokohama. Naval hospital, Yokohama, Japan: For purchase of land adjoining present hospital grounds, five thousand dollars.

Newport. Naval hospital, Newport, Rhode Island: Changing officers' quarters into wards for enlisted men, and building quarters for all officers outside of naval hospital, twenty thousand dollars, not more than fifteen thousand dollars of which shall be spent for all officers' quarters.

Norfolk. Naval hospital, Norfolk, Virginia: For the renovation of the present hospital buildings and the erection of new

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wards, to cost not to exceed two hundred thousand dollars, one hundred thousand dollars.

Naval hospital, Canacao, Philippine Islands: For boring an artesian well, and for necessary machinery and appurtenances, seven thousand dollars. Canacao.

Naval hospital, Mare Island, California: For a surgical-ward building for operating room and surgical cases, twelve thousand dollars; for a new building for infectious diseases, eight thousand dollars; and for a new power house, five thousand dollars; in all, twenty-five thousand dollars.

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PUBLIC WORKS, MARINE CORPS.

Barracks and quarters, Marine Corps: Erection and equipment of two laundries for enlisted men, marine barracks, twelve thousand dollars; Marine barracks.

For the completion of marine barracks on the Schmoele tract of land at the Norfolk Navy-Yard, in the State of Virginia, including plumbing, interior woodwork, painting, grading, and proper connections with the local waterworks, fifteen thousand dollars; for the construction of two additional sets of officers' quarters, Norfolk Navy-Yard, twenty-four thousand dollars; in all, Norfolk Navy-Yard, thirty-nine thousand dollars; Schmoele tract.

For the erection of marine barracks and officers' quarters, naval station, New Orleans, Louisiana, fifteen thousand dollars, which sum shall be in addition to fifteen thousand dollars appropriated for this object in the naval appropriation act approved March third, nineteen hundred and one, and six thousand five hundred dollars provided in the naval appropriation act approved April twenty-seventh, nineteen hundred and four; New Orleans.

For the erection of marine barracks and completion of officers' quarters, marine barracks, naval training station, San Francisco, California, fifteen thousand dollars; San Francisco.

For the necessary repairs and improvements to such buildings at the naval station, New London, Connecticut, as have been assigned to the Marine Corps by the Navy Department, twenty-five thousand dollars; New London.

For the purchase of land adjoining marine reservation, naval station, Sitka, Alaska, four hundred dollars; Sitka.

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BUREAU OF SUPPLIES AND ACCOUNTS.

PROVISIONS, NAVY: * * *.

It is "*Provided*, That sections fifteen hundred and eighty and fifteen hundred and eighty-one, Revised Statutes, be amended to read as follows:

"'SEC. 1580. The navy ration shall consist of the following daily allowance of provisions to each person: One pound and a quarter of salt or smoked meat, with Navy ration, components of.

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three ounces of dried or six ounces of canned or preserved fruit, and three gills of beans or pease, or twelve ounces of flour; or one pound of preserved meat, with three ounces of dried or six ounces of canned or preserved fruit and eight ounces of rice or twelve ounces of canned vegetables, or six ounces of desiccated vegetables; together with one pound of biscuit, two ounces of butter, four ounces of sugar, two ounces of coffee or cocoa, or one-half ounce of tea and one ounce of condensed milk or evaporated cream; and a weekly allowance of one-quarter pound of macaroni, four ounces of cheese, four ounces of tomatoes, one-half pint of vinegar or sauce, one-quarter pint of pickles, one-quarter pint of molasses, four ounces of salt, one-half ounce of pepper, one-eighth ounce of spices, and one-half ounce of dry mustard. Seven pounds of lard, or a suitable substitute, shall be allowed for every hundred pounds of flour issued as bread, and such quantities of yeast and flavoring extracts as may be necessary.

"'SEC. 1581. The following substitution for the components of the ration may be made when deemed necessary by the senior officer present in command: "For one and one-quarter pounds of salt or smoked meat or one pound of preserved meat, one and three-quarter pounds of fresh meat or fresh fish, or eight eggs; in lieu of the articles usually issued with salt, smoked, or preserved meat, one and three-quarter pounds of fresh vegetables; for one pound of biscuit, one and one-quarter pounds of soft bread or eighteen ounces of flour; for three gills of beans or pease, twelve ounces of flour or eight ounces of rice or other starch food, or twelve ounces of canned vegetables; for one pound of condensed milk or evaporated cream, one quart of fresh milk; for three ounces of dried or six ounces of canned or preserved fruit, nine ounces of fresh fruit; and for twelve ounces of flour or eight ounces of rice or other starch food, or twelve ounces of canned vegetables, three gills of beans or pease; in lieu of the weekly allowance of one-quarter pound of macaroni, four ounces of cheese, one-half pint of vinegar or sauce, one-quarter pint of pickles, one-quarter pint of molasses, and one-eighth ounce of spices, three pounds of sugar, or one and a half pounds of condensed milk, or one pound of coffee, or one and a half pounds of canned fruit, or four pounds of fresh vegetables, or four pounds of flour.

"'"An extra allowance of one ounce of coffee or cocoa, two ounces of sugar, four ounces of hard bread or its equivalent, and four ounces of preserved meat or its equivalent shall be allowed to enlisted men of the engineer and dynamo force who stand night watches between eight o'clock postmeridian and eight o'clock antimeridian, under steam."'"

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BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: * * *. It is "*Provided*, * * * That one hundred thousand dollars, or such portion thereof as may be necessary, shall be used to repair, equip, and restore the frigate Constitution, as far as may be practicable, to her original condition, but not for active service: *And provided further*, That the sum of three hundred thousand dollars from the unexpended balance under appropriations 'Construction and repair of vessels' for the fiscal year ending June thirtieth, nineteen hundred and four, is hereby reappropriated for 'Construction and repair of vessels' for the fiscal year ending June thirtieth, nineteen hundred and seven." Constitution.

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BUREAU OF STEAM ENGINEERING.

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Machinery plant, navy-yard, Portsmouth, New Hampshire: To outfit new shops, authorized and completed or nearly completed, with new power tools, and to replace obsolete and worn-out machine tools, fifty thousand dollars; to outfit boiler shop, now building, with cranes, annealing furnace, machine and hand tools, motors and fixtures, sixty thousand dollars; in all, one hundred and ten thousand dollars. Machinery plants at navy yards. Portsmouth.

Machinery plant, navy-yard, Norfolk, Virginia: For machine tools to equip machine and boiler shop extension, twenty-five thousand dollars. Norfolk.

Machinery plant, naval station, New Orleans, Louisiana: For additional machine tools to complete the equipment of shops authorized and nearing completion, twenty-five thousand dollars. New Orleans.

Machinery plant, navy-yard, Charleston, South Carolina: Toward equipment of shops already authorized, fifty thousand dollars. Charleston.

Engineering experimental station, United States Naval Academy, Annapolis, Maryland * * *.

Experimental and research work: For original investigation and extended experimentation of naval appliances; and for the purchase of such machines and auxiliaries considered applicable for test and use in the naval service, twenty-five thousand dollars. Experimental and research work.

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NAVAL ACADEMY.

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Provides "No person shall be admitted for instruction at the Naval Academy at Annapolis from any foreign country except upon authority of law hereafter enacted." Foreigners, instruction of.

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Midshipmen, appointment of.

Hereafter the Secretary of the Navy shall, as soon as possible after the first day of June of each year preceding the graduation of midshipmen in the succeeding year, notify in writing each Senator, Representative, and Delegate in Congress of any vacancy that will exist at the Naval Academy because of such graduation, or that may occur for other reasons and which he shall be entitled to fill by nomination of a candidate and one or more alternates therefor. The nomination of a candidate and alternate or alternates to fill said vacancy shall be made upon the recommendation of the Senator, Representative, or Delegate, if such recommendation is made by the fourth day of March of the year following that in which said notice in writing is given, but if it is not made by that time the Secretary of the Navy shall fill the vacancy by appointment of an actual resident of the State, Congressional district, or Territory, as the case may be, in which the vacancy will exist, who shall have been for at least two years immediately preceding the date of his appointment an actual and bona fide resident of the State, Congressional district, or Territory in which the vacancy will exist and of the legal qualification under the law as now provided. In cases where by reason of a vacancy in the membership of the Senate or House of Representatives, or by the death or declination of a candidate for admission to the academy there occurs or is about to occur at the academy a vacancy from any State, district, or Territory that can not be filled by nomination as herein provided, the same may be filled as soon thereafter and before the final entrance examination for the year as the Secretary of the Navy may determine. The candidates allowed for the District of Columbia and all the candidates appointed at large, together with alternates therefor, shall be selected by the President within the period herein prescribed for nomination of other candidates: *Provided*, That the President may select a candidate for the District of Columbia for the year nineteen hundred and eight.

Two professors of mathematics.

That the President be authorized to appoint, by and with the advice and consent of the Senate, two additional professors of mathematics in the Navy, who shall be extra numbers in said list, and who shall take rank therein according to that held by them respectively when so appointed, if such appointees are officers of the Navy, otherwise at the foot of said list.

Records of ships, Revolutionary War.

That all records (such as muster and pay rolls and reports) relating to the personnel and operations of public and private armed vessels of the North American colonies in the war of the Revolution now in any of the Executive Departments shall be transferred to the Secretary of the Navy, to be preserved, indexed, and prepared for publication.

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MARINE CORPS.

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Deposits: For interest on soldiers' deposits, three thousand dollars, and so much as may be necessary to refund such deposits: *Provided*, That hereafter enlisted men of the Marine Corps shall be entitled to deposit their savings with the United States, through any paymaster, in the same manner and under the same conditions as is now or may hereafter be provided for the enlisted men of the Navy: *Provided, however*, That the sums so deposited shall pass to the credit of the appropriation for pay of the Marine Corps. Deposits by marines.

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INCREASE OF THE NAVY.

That for the purpose of further increasing the naval establishment of the United States, the President is hereby authorized to have constructed by contract or in navy-yards as hereinafter provided—

One first-class battle ship, carrying as heavy armor and as powerful armament as any known vessel of its class, to have the highest practicable speed and greatest practicable radius of action, and to cost, exclusive of armament and armor, not exceeding six million dollars: *Provided*, That before approving any plans or specifications for the construction of such battle ship the Secretary of the Navy shall afford, by advertisement or otherwise, in his discretion, a reasonable opportunity to any competent constructor who may desire so to do, to submit plans and specifications for his consideration, for which said plans, should the same be used by the Department and be not submitted by or on behalf of a successful bidder for the contract, such compensation shall be paid as the Secretary of the Navy shall deem just and equitable out of the amount herein appropriated under the head "Contingent, Navy": *Provided*, That before any proposals for said battle ship shall be issued or any bids received and accepted the Secretary of the Navy shall report to Congress at its next session full details covering the type of such battle ship and the specifications for the same, including its displacement, draft, and dimensions, and the kind and extent of armor and armament therefor. One battleship.

Three torpedo-boat destroyers, to have the highest practicable speed, and to cost, exclusive of armament, not to exceed seven hundred and fifty thousand dollars each. Three torpedo-boat destroyers.

And the contract for the construction of said vessels shall be awarded by the Secretary of the Navy to the lowest best responsible bidder, having in view the best results and most expeditious delivery: *Provided*, That any bid for the construction of any of said vessels upon

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the Pacific coast shall have a differential of four per centum in its favor, which shall be considered by the Secretary of the Navy in awarding contracts for the construction of said vessels; and in the construction of all of said vessels the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the naval establishment," as to materials for said vessels, their engines, boilers, and machinery, the contracts under which they are built, the notice of any proposals for the same, the plans, drawings, specifications therefor, and the method of executing said contracts shall be observed and followed, and, subject to the provisions of this act, all said vessels shall be built in compliance with the terms of said act, and in all their parts shall be of domestic manufacture; and the steel material shall be of domestic manufacture, and of the quality and characteristics best adapted to the various purposes for which it may be used, in accordance with specifications approved by the Secretary of the Navy; and not more than one of the vessels provided for in this act shall be built by one contracting party: *Provided*, That the Secretary of the Navy may build any or all of the vessels herein authorized in such navy-yards as he may designate, and shall build any of the vessels herein authorized in such navy-yards as he may designate should it reasonably appear that the persons, firms, or corporations, or the agents thereof, bidding for the construction of any of said vessels have entered into any combination, agreement, or understanding the effect, object, or purpose of which is to deprive the Government of fair, open, and unrestricted competition in letting contracts for the construction of any of said vessels: *Provided*, That the limit of cost, exclusive of armor and armament, of the battle ship Connecticut, authorized by the act of Congress approved July first, nineteen hundred and two, be increased to four million six hundred thousand dollars, and that the limit of cost, exclusive of armor and armament, of each of the two training vessels authorized by the act of Congress approved March third, nineteen hundred and three, be increased to four hundred and ten thousand dollars: *And provided further*, That the limit of cost, exclusive of armor and armament, of each of the two colliers authorized by the act of Congress approved April twenty-seventh, nineteen hundred and four, be increased to one million five hundred and fifty thousand dollars.

Connecticut.

Submarines, $1,000,000 for.

The Secretary of the Navy is hereby authorized, in his discretion, to contract for or purchase subsurface or submarine torpedo boats, to an amount not exceeding one million dollars, after such tests as he shall see fit to prescribe, to determine the comparative efficiency of the different boats for which bids may be submitted: *Provided*, That such tests shall take place within nine months

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from the date of the passage of this act; and for such purpose the sum of five hundred thousand dollars is hereby appropriated.

CONSTRUCTION AND MACHINERY: On account of hulls, outfits, and machinery of vessels and steam machinery of vessels heretofore authorized, seventeen million eight hundred and thirty thousand eight hundred and twenty-nine dollars. Construction and machinery.

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for vessels authorized, fifteen million one hundred and forty-five thousand dollars: *Provided*, That no part of this appropriation shall be expended for armor for vessels except upon contracts for such armor when awarded by the Secretary of the Navy, to the lowest responsible bidder, having in view the best results and most expeditious delivery. But this provision shall not apply to or interfere with contracts for such armor already entered into, signed and executed by the Secretary of the Navy. Armor and armament.

Total increase of the Navy, thirty-three million four hundred and seventy-five thousand eight hundred and twenty-nine dollars.

That no part of any sum appropriated by this act shall be used for any expense of the Navy Department at Washington unless specific authority be given for such expenditure.

Approved, June 29, 1906.

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FIFTY-NINTH CONGRESS, SECOND SESSION—MARCH 2, 1907.

[PUBLIC—No. 171.]

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and eight, and for other purposes.

[Provision is made for the Naval Establishment, and under the headings—]

PAY OF THE NAVY.

Quarters, hire of.

Provides * * * "For hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them, or commutation of quarters not to exceed the amount which an officer would receive were he not serving with troops, and the proper accounting officers of the Treasury are hereby authorized and directed to allow in the settlement of accounts of disbursing officers all payments made since November thirteenth, nineteen hundred and five, and prior to July first, nineteen hundred and seven, for commutation of quarters for officers on shore serving with troops and not provided with public quarters; * * *."

BUREAU OF ORDNANCE.

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Ammunition for new ships.

For ammunition and other supplies for new ships, seven hundred and fifty thousand dollars.

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Iowa.

For modernizing the battery of the Iowa, thirty-six thousand dollars.

Monterey. Monadnock.

For modernizing the batteries of the Monterey and the Monadnock, twenty thousand dollars.

Arkansas.

For providing new turret sights for the four monitors of the Arkansas class, sixteen thousand dollars.

Brooklyn.

New battery for the Brooklyn, one hundred and seventy-seven thousand two hundred dollars.

New sights and mounts.

For completing the work of modifying four-inch forty-caliber mounts, and providing new sights; and for modifying five-inch forty-caliber mounts, and providing new sights for same, one hundred thousand dollars.

Fire-control instruments.

For fire-control instruments for nineteen battleships and twelve armored cruisers; for fire control instruments for four monitors and twenty-five cruisers, three hundred thousand dollars.

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Mines and mine appliances. For the manufacture, purchase, repair, and maintenance of a reserve stock of mines and mine appliances, one hundred thousand dollars.

Torpedoes, conversion of. For fifty eighteen-inch torpedoes; converting destroyers to modern boats; converting three and fifty-five one-hundredths meter boats to five-meter boats, three hundred thousand dollars.

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Reserve torpedoes. RESERVE TORPEDOES AND APPLIANCES: For the purchase or manufacture of reserve torpedoes and appliances, two hundred and fifty thousand dollars: *Provided*, That of this amount not more than one hundred and fifty-five thousand dollars shall be used for the construction and equipment of a torpedo factory at the torpedo station at Newport, Rhode Island.

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BUREAU OF YARDS AND DOCKS.

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PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

Portsmouth. NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: Railroad and rolling stock, two thousand dollars; sewer system, extension, two thousand dollars; quay walls, to extend, twenty thousand dollars; grading, to continue, fifteen thousand dollars; central power plant, to complete, sixty thousand dollars; blasting in front of quay wall (to cost one hundred and ten thousand dollars), fifty thousand dollars; naval prison laundry, three thousand dollars; naval prison cooking and baking plant, three thousand two hundred dollars; naval prison, furniture and fittings, eight thousand five hundred dollars; naval prison, administration building, to complete, ten thousand dollars; pattern shop for steam engineering, to complete, sixty-one thousand two hundred dollars; track for forty-ton crane, extension, ten thousand dollars, the limit of cost to be forty-six thousand eight hundred dollars; in all, two hundred and forty-four thousand nine hundred dollars.

Boston. NAVY-YARD, BOSTON, MASSACHUSETTS: Paving, to continue, twenty thousand dollars; third floor, building numbered one hundred and seven, six thousand dollars; electric plant, extensions, twenty-five thousand dollars; heating system, extensions, seventeen thousand five hundred dollars; railroad rolling stock, three thousand dollars; telephone system, extensions, one thousand dollars; railroad system, extensions, two thousand dollars; repairs to dry dock numbered one, fifteen thousand dollars; completing building numbered one hundred and eight, five thousand dollars; salt water flushing for dry dock numbered two, two thousand five hundred dollars; water-closet between dry docks, ten thousand dollars; improv-

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ing rope walk building, ten thousand dollars; improvements to naval prison, two thousand five hundred dollars; improvements to building numbered forty-two, nine thousand dollars; in all, navy-yard, Boston, one hundred and twenty-eight thousand five hundred dollars.

NAVY-YARD, NEW YORK, NEW YORK: Electric plant, extensions, twenty-five thousand dollars; underground conduits, extensions, fifteen thousand dollars; heating system, extensions, twenty thousand dollars; electric motors for pump well valves, seven thousand dollars; electric elevators, ten thousand dollars; central power plant, to complete, one hundred and forty thousand dollars; for side walk on Flushing avenue and Navy street in front of the Navy-Yard, ten thousand eight hundred dollars; railroad equipment, additional, five thousand dolllars; railroad system, extensions, ten thousand dollars; sewers and drains, ten thousand dollars; cement storehouse, eleven thousand dollars; in all, navy-yard, New York, New York, two hundred and sixty-three thousand eight hundred dollars. New York.

NAVY-YARD, LEAGUE ISLAND, PENNSYLVANIA: To continue retaining wall about reserve basin, fifty thousand dollars; sea wall, extension, fifty thousand dollars; berth for receiving ship, to extend, twenty-five thousand five hundred dollars; in all, navy-yard, League Island, one hundred and twenty-five thousand five hundred dollars. League Island.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: Paving, to extend, ten thousand dollars; grading, to extend, ten thousand dollars; quay wall, twenty-five thousand dollars; railroad bridge and tracks, forty thousand dollars; in all, navy-yard, Washington, eighty five thousand dollars. Washington.

NAVY-YARD, CHARLESTON, SOUTH CAROLINA: Stone and concrete dry dock, to complete, fifty thousand dollars; grading and paving, fifteen thousand dollars; railroad system, extensions, fifteen thousand dollars; dredging, ninety-eight thousand dollars; conduit system, extension, ten thousand dollars; sewer system, extension, five thousand dollars; central power plant, thirty thousand dollars; railroad equipment, five thousand dollars; quay wall, thirty-four thousand dollars; heating system, extensions, fifteen thousand dollars; electric system, extension, ten thousand dollars; in all, navy-yard, Charleston, South Carolina, two hundred and eighty-seven thousand dollars. Charleston.

NAVY-YARD, NORFOLK, VIRGINIA: Paving and grading, additional, ten thousand dollars; railroad tracks, extensions, eight thousand dollars; rebuilding coal wharf, twenty-five thousand dollars; telephone system, extensions, two thousand five hundred dollars; electric plant, extensions, twenty thousand dollars; machine shop for steam engineering, to complete, twenty-five thousand dollars; concrete and granite dry dock, to complete, one hun- Norfolk.

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dred thousand dollars; improvements to one-hundred-ton shears, to complete, twenty thousand dollars; repairs, buildings, Saint Helena, twenty-five thousand dollars; central power plant, one hundred and thirty thousand dollars; in all, navy-yard, Norfolk, Virginia, three hundred and sixty-five thousand five hundred dollars.

Key West. NAVAL STATION, KEY WEST, FLORIDA: Dredging and filling in, twenty-five thousand dollars; grading and paving, five thousand dollars; sidewalks along outside station wall on Government property, two thousand five hundred dollars; water systems, extensions, two thousand dollars; removing steel tanks from Dry Tortugas, ten thousand dollars; in all, navy-yard, Key West, Florida, forty-four thousand five hundred dollars.

Mare Island. NAVY-YARD, MARE ISLAND, CALIFORNIA: Railroad system, extension, five thousand dollars; electric-plant system, extension, ten thousand dollars; sewer system, extensions, three thousand dollars; heating system, extension, five thousand dollars; telephone system, extensions, one thousand dollars; electric capstans for dry dock numbered one, ten thousand dollars; extension of building numbered one hundred and nineteen, block and cooper shop, fifteen thousand dollars; improvements to building numbered ninety-six, shipfitters' shop, three thousand dollars; improvements to buildings numbered sixty-nine and seventy-one, twenty thousand dollars; improvements to coal cylinders, seven thousand five hundred dollars; workshop for electrical class, three thousand dollars; channel moorings, Mare Island Strait, nine thousand dollars; enlarging and moving dispensary building, six thousand dollars; improvements to naval prison, fifty thousand dollars; central light and power plant at Mare Island Navy-Yard, California, one hundred thousand dollars; removal of office building numbered one hundred and three, one thousand dollars; in all, navy-yard, Mare Island, two hundred and forty-eight thousand five hundred dollars.

Puget Sound. NAVY-YARD, PUGET SOUND, WASHINGTON: To continue grading, ten thousand dollars; electric-light plant, extensions, six thousand dollars; water system, extensions, five thousand dollars; heating system, extensions, five thousand dollars; roads and walks, extensions, two thousand five hundred dollars; stone and concrete dry dock, to continue, two hundred thousand dollars; quay wall, extensions, thirty thousand dollars; in all, navy-yard, Puget Sound, Washington, two hundred and fifty-eight thousand five hundred dollars.

Pensacola. NAVY-YARD, PENSACOLA, FLORIDA: Machinery for central power plant, thirty-five thousand dollars; conduit system, two thousand five hundred dollars; improvements to storehouse, building numbered twenty-five, five thousand dollars; and to enable the Secretary of the Navy to repair and reconstruct, where necessary, the buildings,

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wharves, and other public works recently damaged by hurricane at the navy-yard, Pensacola, two hundred thousand dollars; in all, navy-yard, Pensacola, two hundred and forty-two thousand five hundred dollars.

NAVAL STATION, NEW ORLEANS, LOUISIANA: Improvement of water front, twenty-five thousand dollars; levee improvement and grading, twenty-five thousand dollars; central electric light and power plant, extension, fifty thousand dollars; railroad system, five thousand dollars; drainage system, ten thousand dollars; central heating plant, eighteen thousand dollars; paving, ten thousand dollars; fitting up yard buildings eight and sixteen, four thousand three hundred dollars; dispensary building, nine thousand dollars; in all, navy-yard, New Orleans, one hundred and fifty-six thousand three hundred dollars. New Orleans.

NAVAL STATION, OLONGAPO, PHILIPPINE ISLANDS: Water system, forty thousand dollars; quay walls, fifty thousand dollars; in all ninety thousand dollars. Olongapo.

NAVAL STATION, ISLAND OF GUAM: Dredging, seven thousand five hundred dollars; extension of naval-station roads, five thousand dollars; water supply system, ten thousand dollars; in all, twenty-two thousand five hundred dollars. Guam.

NAVAL STATION, HAWAII: Grading, curbing, and fencing, one thousand one hundred dollars; fender timbers, piers one and two, two thousand dollars; in all, three thousand one hundred dollars. Pearl Harbor.

NAVAL STATION, CAVITE, PHILIPPINE ISLANDS: Extension of building numbered sixty-four, seven thousand five hundred dollars; boat-storage shed, four thousand dollars; improvement of naval prison, one thousand five hundred dollars; in all, thirteen thousand dollars. Cavite.

NAVAL STATION, CULEBRA, PORTO RICO: Clearing and grading, one thousand five hundred dollars; fencing, five hundred dollars; in all, two thousand dollars. Porto Rico.

NAVAL STATION, TUTUILA: Barracks for native guard, five thousand dollars; operating room, one thousand dollars; in all, six thousand dollars. Tutuila.

GOVERNMENT LANDING, NEWPORT, RHODE ISLAND: Steel floats, fences, dredging, and general improvements, seven thousand eight hundred and forty dollars. Newport.

PLANS AND SPECIFICATIONS FOR PUBLIC WORKS: Plans and estimates required by section thirty-six hundred and sixty-three, Revised Statutes, and plans and specifications for public works, thirty thousand dollars. Plans for public works.

* * * * *

PUBLIC WORKS UNDER THE SECRETARY OF THE NAVY.

BUILDINGS AND GROUNDS, NAVAL ACADEMY: To complete the construction of buildings, and for other necessary improvements at the Naval Academy, Annapolis, Maryland, as authorized by the acts of Congress approved Naval Academy.

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June seventh, nineteen hundred, and March third, nineteen hundred and three, three hundred and eighty thousand dollars.

Lepers provided for.

BUILDINGS FOR LEPERS, ISLAND OF GUAM: Naval station, island of Guam: Maintenance and care of lepers and other special patients, sixteen thousand dollars; in all, sixteen thousand dollars.

Total public works under Secretary's office, three hundred and ninety-six thousand dollars.

PUBLIC WORKS UNDER BUREAU OF NAVIGATION.

Naval training stations. California.

NAVAL TRAINING STATION, CALIFORNIA, BUILDINGS: For extra service pipe to Oakland shore, fifteen thousand dollars; to repair roads, one thousand dollars. To paint barracks buildings and officers' quarters, three thousand dollars; dispensary building, to cost not exceeding twenty thousand dollars; in all, thirty-nine thousand dollars.

Rhode Island.

NAVAL TRAINING STATION, RHODE ISLAND, BUILDINGS: Improving and grading grounds and roads, two thousand five hundred dollars; rebuilding old timber wharf and improving water front, nine thousand three hundred dollars; refrigerating plant, increase, seven thousand nine hundred and fifty dollars; artesian and fresh-water system (to extend), three thousand five hundred dollars; grading and walks at barracks "C," two thousand dollars; dredging channel and basin, five thousand dollars; steam-distributing lines, six thousand three hundred dollars; increase of heating and lighting plant, five thousand three hundred dollars; sanitary, heating, and ventilating system in barracks "B," nine thousand eight hundred and forty dollars; completion and repairs, three double sets of officers' quarters, four thousand two hundred and thirty-two dollars; furnishing assembly, lecture, and reading room, and improving basement story, two thousand nine hundred and ninety dollars; in all, naval training station, Rhode Island, fifty-eight thousand nine hundred and twelve dollars.

Great Lakes.

NAVAL TRAINING STATION, GREAT LAKES, BUILDINGS: Toward the continuance of construction of buildings in accordance with the provisions of the act of Congress approved June twenty-ninth, nineteen hundred and six, five hundred thousand dollars.

Electrical mains and conduits, heating mains and concrete conduits, heating station equipment, power plant equipment, water supply and sewage disposal, two hundred thousand dollars; in all, seven hundred thousand dollars.

In all, public works, Bureau of Navigation, seven hundred and ninety-seven thousand nine hundred and twelve dollars.

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PUBLIC WORKS, BUREAU OF ORDNANCE.

NAVAL MAGAZINE, DOVER, NEW JERSEY: Two brick magazine buildings, each seventy-five feet by forty feet, to be known as magazines numbered six and seven, with the necessary railroad tracks to connect with the present system, twenty-two thousand dollars; in all, naval magazine, Dover, Lake Denmark, New Jersey, twenty-two thousand dollars. Naval magazines, Dover.

NAVAL MAGAZINE, SAINT JULIENS CREEK, NORFOLK, VIRGINIA: One brick magazine building, fifty feet by one hundred feet, fourteen thousand dollars; in all, fourteen thousand dollars. St. Juliens Creek.

NAVAL PROVING GROUND, INDIAN HEAD, MARYLAND: Shell and mount storehouse, including twenty-ton traveling crane and five-ton auxiliary hoist, to cost not exceeding twenty thousand five hundred dollars; laboratory annex, five thousand dollars; nitrate of soda storehouse, to replace building destroyed by fire, four thousand five hundred dollars; ether vault and tank, one thousand three hundred and eighty dollars; pyro storehouse, eight hundred and fifty dollars; completion of bomb proof for velocity battery, nine hundred dollars; clearing underbrush, care of grounds, and preservation of permanent way of railroad tracks, one thousand dollars; in all, naval proving ground, Indian Head, thirty-four thousand one hundred and thirty dollars. Indian Head.

Naval magazine, Fort Mifflin, Pennsylvania: Repairs to wharf and railroad track, five thousand dollars; installation of drainage system for five dwellings to discharge into river at low-water mark, two thousand five hundred dollars; one building of corrugated steel construction, eighteen by thirty-two feet, for use of workmen, one thousand two hundred dollars; in all, eight thousand two hundred dollars. Fort Mifflin.

Naval magazine, New England coast: Toward the erection of the necessary buildings on ground, the purchase of which is now under negotiation, as authorized by the act approved April twenty-seventh, nineteen hundred and four, for a new naval magazine on the New England coast; also toward inclosing said grounds, grading and filling in, building roads and walks, improvement of the water front, necessary wharves and cranes, railroad tracks, and rolling stock for local service, fire and water service, and equipment of the establishment, one hundred and thirty thousand dollars. New England coast.

Naval magazine, Mare Island, California: Toward additional magazine and storage facilities, quarters for gunners, fencing, extension of wharf, fire mains, lighting, telephone and railroad systems, and equipment pertaining thereto, fifty thousand dollars. Mare Island.

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Newport. Torpedo station, Newport, Rhode Island: Rebuilding the oldest section of sea wall, five thousand dollars; ferry slip at torpedo station and Government landing, seven thousand five hundred dollars; in all, twelve thousand five hundred dollars.

Iona Island. Naval magazine, New York Harbor: For naval magazine, New York Harbor (Iona Island): Extension to locomotive house to hold number two compressed-air locomotive, eight hundred dollars; installing fire protection, standpipes, and nozzles in storehouse numbered one, one thousand and fifty dollars; one additional magazine building, standard construction, with grading of sites, fifteen thousand dollars; two filling houses, with steam heating, two thousand dollars; extension of railroad tracks, and new sidings, three thousand dollars; one heat-test house, one thousand dollars; extending sewers, five hundred dollars; primer house, six hundred dollars; in all, twenty-three thousand nine hundred and fifty dollars.

Puget Sound. Naval magazine, Puget Sound, Washington: For necessary buildings, water and fire system; fencing, clearing, and grading; railroad tracks, and equipment of the naval magazine, Puget Sound, on ground recently acquired for the purpose, total cost of the improvements to said grounds not to exceed one hundred and fifty-three thousand dollars, seventy-five thousand dollars.

Total public works under Bureau of Ordnance, three hundred and sixty-nine thousand seven hundred and eighty dollars.

PUBLIC WORKS UNDER BUREAU OF EQUIPMENT.

Naval Observatory. NAVAL OBSERVATORY: Grounds and roads: Continuing grading, extending roads and paths, clearing and improving grounds, ten thousand dollars.

PUBLIC WORKS UNDER BUREAU OF MEDICINE AND SURGERY.

Improvements, naval hospitals, Pensacola. Naval hospital, Pensacola, Florida: For the renewal of the present hospital buildings, fifteen thousand dollars, and for the erection of quarters for the medical staff outside the naval hospital, ten thousand dollars; in all, twenty-five thousand dollars.

Puget Sound. Naval hospital, Puget Sound, Washington: For the construction of naval hospital buildings, seventy-five thousand dollars, (total cost not to exceed one hundred and fifty thousand dollars).

Washington. Naval Hospital, Washington, District of Columbia: For the erection of an addition, symmetrical with the northeast pavilion, solarium, and connecting corridor, to the naval hospital, Washington, District of Columbia, sixty thousand dollars.

Canacao. Naval medical supply depot, Canacao, Philippine Islands: For the erection of a building for the United

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States naval medical supply depot on the grounds of the naval hospital, Canacao, twenty-five thousand dollars.

Total public works under Bureau of Medicine and Surgery, one hundred and eighty-five thousand dollars.

PUBLIC WORKS, MARINE CORPS.

Barracks and quarters, Marine Corps: For construction of officers' quarters, navy-yard, League Island, Pennsylvania, to cost not to exceed thirty thousand dollars, thirty thousand dollars; Improvements, marine barracks, League Island.

For the purchase of ground adjoining the quartermasters' depot, Philadelphia, Pennsylvania, and erection thereon of an addition to said depot, at a cost of ground and building not to exceed two hundred thousand dollars, two hundred thousand dollars; Quartermaster's depot, Philadelphia.

To complete marine barracks and officers' quarters, walls and improvement to grounds, Washington, District of Columbia, eighty thousand dollars; Marine barracks, Washington.

For roads, walks, grading, and so forth, Marine Corps reservation, navy-yard, Norfolk, Virginia, five thousand dollars; Norfolk.

For construction of two officers' quarters, navy-yard, Pensacola, Florida, ten thousand dollars; Pensacola.

For construction of marine barracks, naval station, Guantanamo, Cuba, ten thousand dollars; Guantanamo.

For construction of an addition to the marine barracks, navy-yard, Bremerton, Washington, twelve thousand dollars; Bremerton, Puget Sound.

In all, public works, Marine Corps, three hundred and forty-seven thousand dollars.

BUREAU OF MEDICINE AND SURGERY.

* * * * *

For the equipment of a hospital for laborers at the naval station, Guantanamo, including ward, kitchen, dispensary, and operating-room supplies, to be immediately available, nine hundred dollars. Hospital, equipment of, at Guantanamo.

BUREAU OF SUPPLIES AND ACCOUNTS.

PROVISIONS, NAVY: * * * *Provided*, That section fifteen hundred and eighty-one of the Revised Statutes, as amended by act of June twenty-ninth, nineteen hundred and six, be, and it is hereby, further amended by adding thereto a paragraph as follows:

"Any article comprised in the Navy ration may be issued in excess of the authorized quantity, provided there be an under issue of the same value in some other article or articles: *And provided, further*, That the unexpended balances under appropriations 'Provisions, Navy,' for the fiscal years ending June thirtieth, nineteen hundred Navy ration, over and under issues.

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and five and nineteen hundred and six, are hereby reappropriated for 'Provisions, Navy,' for the fiscal year ending June thirtieth, nineteen hundred and eight.

Purchases less than $500 in value.

CONTINGENT, BUREAU OF SUPPLIES AND ACCOUNTS: * * *. It is "*Provided*, That the sum of ten thousand dollars from the unexpended balance under appropriation 'Contingent, Bureau of Supplies and Accounts,' for the fiscal year ending June thirtieth, nineteen hundred and six, is hereby reappropriated for 'Contingent, Bureau of Supplies and Accounts,' for the fiscal year ending June thirtieth, nineteen hundred and eight: *Provided further*, That hereafter the purchase of supplies and the procurement of services for all branches of the naval service may be made in open market in the manner common among business men, without formal contract or bond, when the aggregate of the amount required does not exceed five hundred dollars, and when, in the opinion of the proper administrative officers, such limitation of amount is not designed to evade purchase under formal contract or bond, and equally or more advantageous terms can thereby be secured."

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BUREAU OF CONSTRUCTION AND REPAIR.

Limitations on repairs of ships.

CONSTRUCTION AND REPAIR OF VESSELS: * * *. It is "*Provided* * * * That no * * * sum shall be applied to the repair of any other ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed twenty per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to order repairs of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home: *And provided further*, That the Secretary of the Navy shall hereafter report to Congress, at the commencement of each regular session, the number of vessels and their names upon which any repairs or changes are proposed which in any case shall amount to more than two hundred thousand dollars, the extent of such proposed repairs or changes, and the amounts estimated to be needed for the same in each vessel; and expenditures for such repairs or changes so limited shall be made only after appropriations in detail are provided for by Congress."

Statutory limit.

IMPROVEMENT OF CONSTRUCTION PLANT: * * *

Construction plant, navy yard, Charleston.

For construction plant, navy-yard, Charleston, South Carolina: "Repairs to, and improvement of, plant at naval station, Charleston, South Carolina, twenty thousand dollars."

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BUREAU OF STEAM ENGINEERING.

* * * * *

Machinery plant, navy-yard, New York, New York: For additional machine tools for copper, boiler, machine and pattern shops, and foundry, forty thousand dollars. Machinery plants, navy yards. New York.

Machinery plant, League Island, Pennsylvania: For additional machine tools for machine and boiler shops, twenty-five thousand dollars. League Island.

Machinery plant, naval station, Cavite, Philippine Islands: For additional machine tools, twenty-five thousand dollars. Cavite.

Machinery plant, naval station, Olongapo, Philippine Islands: For machine tools required for equipment of shops for repair works, twenty thousand dollars. Olongapo.

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MARINE CORPS.

PAY, MARINE CORPS: * * *.

It is "*Provided*, That hereafter privates regularly detailed and serving as cooks, shall receive, in addition to the pay otherwise allowed by law, the following: First-class cooks, ten dollars per month; second-class cooks, eight dollars; third-class cooks, seven dollars; and fourth-class cooks, five dollars." Marines, cooks, additional compensation for.

* * * * *

INCREASE OF THE NAVY.

That, for the purpose of further increasing the naval establishment of the United States, the President is hereby authorized to have constructed, by contract or in navy-yards, as hereinafter provided, one first class battle ship to cost, exclusive of armor and armament, not exceeding six million dollars, similar in all essential characteristics, and additional to, the battle ship authorized by the act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and seven, plans and specifications for which last-named vessel have already been prepared and submitted by the Secretary of the Navy for the information of Congress, as required by the provisions of the aforesaid act. One battleship.

Two torpedo boat destroyers, to have the highest practicable speed, and to cost, exclusive of armament, not to exceed eight hundred thousand dollars each: *Provided*, That the cost of the three torpedo boat destroyers provided for in the act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and seven, exclusive of armament, shall not exceed eight hundred thousand dollars each. Two torpedo-boat destroyers.

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Contract, award of.

And the contract for the construction of said vessels shall be awarded by the Secretary of the Navy to the lowest best responsible bidder, having in view the best results and most expeditious delivery; and in the construction of all of said vessels the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the naval establishment," as to materials for said vessels, their engines, boilers, and machinery, the contracts under which they are built, the notice of any proposals for the same; the plans, drawings, specifications therefor, and the method of executing said contracts shall be observed and followed, and, subject to the provisions of this act, all said vessels shall be built in compliance with the terms of said act, and in all their parts shall be of domestic manufacture; and the steel material shall be of domestic manufacture, and of the quality and characteristics best adapted to the various purposes for which it may be used, in accordance with specifications approved by the Secretary of the Navy; and of the vessels provided for in this act and the act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and seven, and for other purposes, not more than one battle ship and one torpedo boat destroyer, or two torpedo boat destroyers, shall be built by one contracting party: *Provided*, That the Secretary of the Navy may build any or all of the vessels herein authorized in such navy-yards as he may designate, and shall build any of the vessels herein authorized in such navy-yards as he may designate should it reasonably appear that the persons, firms, or corporations, or the agents thereof, bidding for the construction of any of said vessels have entered into any combination, agreement, or understanding the effect, object, or purpose of which is to deprive the Government of fair, open, and unrestricted competition in letting contracts for the construction of any of said vessels.

Submarines.

That the provision in the Naval Appropriation Act approved June twenty-ninth, nineteen hundred and six, authorizing the Secretary of the Navy to contract for subsurface or submarine boats after certain tests to be completed by March twenty-ninth, nineteen hundred and seven, is hereby amended, in accordance with the recommendation of the Secretary of the Navy, so as to extend the test period until May twenty-ninth, nineteen hundred and seven; and the limit of cost provided for in the authorization aforesaid is hereby increased to three million dollars, and the sum of one million dollars, which includes the half million dollars heretofore appropriated, is hereby appropriated, and to remain available until expended, no part of this appropriation to be expended for any boat that does not in such test prove to be equal in the judgment of the Secretary of the Navy to the best

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boat now owned by the United States or under contract therefor, and no penalties under this limitation shall be imposed by reason of any delay in the delivery of said boat due to the submission or participation in the comparative trials aforesaid.

Construction and machinery.

CONSTRUCTION AND MACHINERY: On account of hulls and outfits of vessels and steam machinery of vessels heretofore authorized, twelve million seven hundred and thirteen thousand nine hundred and fifteen dollars.

Armor and armament.

ARMOR AND ARMAMENT: Toward the armament and armor of domestic manufacture for vessels authorized, ten million dollars.

Equipment.

INCREASE OF THE NAVY, EQUIPMENT: Toward the completion of the equipment outfit of the new vessels authorized, five hundred thousand dollars.

Total increase of the Navy, twenty-three million seven hundred and thirteen thousand nine hundred and fifteen dollars.

That no part of any sum appropriated by this act shall be used for any expense of the Navy Department at Washington unless specific authority be given for such expenditure.

Approved, March 2, 1907.

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SIXTIETH CONGRESS, FIRST SESSION—MAY 13, 1908.

[PUBLIC—No. 115.]

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and nine, and for other purposes.

[Provision is made for the Naval Establishment, and under the headings—]

PAY OF THE NAVY.

Rates of pay, officers of the Navy, active list.

Is added: "Hereafter all commissioned officers of the active list of the Navy shall receive the same pay and allowances according to rank and length of service, and the annual pay of each grade shall be as follows: For Admiral, thirteen thousand five hundred dollars; rear-admiral, first nine, eight thousand dollars; rear-admiral, second nine, or commodore, six thousand dollars; captain, four thousand dollars; commander, three thousand five hundred dollars; lieutenant-commander, three thousand dollars; lieutenant, two thousand four hundred dollars; lieutenant, junior grade, two thousand dollars; ensign, one thousand seven hundred dollars. There shall be allowed and paid to each commissioned officer below the rank of rear-admiral ten per centum of his current yearly pay for each term of five years service in the Army, Navy, and Marine Corps. The total amount of such increase for length of service shall in no case exceed forty per centum on the yearly pay of the grade as provided by law: *Provided*, That the annual pay of captain shall not exceed five thousand dollars per annum; of commander, four thousand five hundred dollars per annum; and of lieutenant-commander, four thousand dollars per annum. All officers on sea duty and all officers on shore duty beyond the continental limits of the United States shall while so serving receive ten per centum additional[a] of their salaries and increase as above provided, and such increase shall commence from the date of reporting for duty on board ship or the date of sailing from the United States for shore duty beyond the seas or to join a ship in foreign waters. The pay of midshipmen shall hereafter be six hundred dollars per annum while at the Naval Academy, and one thousand four hundred dollars per annum after graduation from the Naval Academy.

[a] "In computing the pay of retired officers of the navy, the 10 per cent additional pay allowed for sea duty or for shore duty beyond the continental limits of the United States shall not be included, and the pay of commodore shall be the same in all respects as that of rear-admiral, second nine."—Deficiency act, May 30, 1908.

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The pay of all warrant officers and mates is hereby increased twenty-five per centum, and all paymasters' clerks shall, while on duty, receive the same pay and allowances as warrant officers of like length of service in the Navy. The pay of all active and retired enlisted men of the Navy is hereby increased ten per centum: *Provided further*, That the pay and allowances of chiefs of bureaus in the Navy Department shall be the highest pay of the grade to which they belong, and not below that of rear-admiral of the lower nine, and that the pay and allowances of chaplains in the Navy shall in no case exceed that provided for lieutenant-commanders. Aids to rear-admirals embraced in the nine lower numbers of that grade shall each receive one hundred and fifty dollars additional per annum, and aids to all other rear-admirals, two hundred dollars additional per annum each. When an officer of the Navy has been thirty years in the service, he may, upon his own application, in the discretion of the President, be retired from active service and placed upon the retired list with three-fourths of the highest pay of his grade: *And provided further*, That any officer of the Navy who is now serving or shall hereafter serve as chief of a bureau in the Navy Department, and shall subsequently be retired, shall be retired with the rank, pay, and allowances authorized by law for the retirement of such bureau chief. The pay of all commissioned, warrant, and appointed officers and enlisted men of the Navy now on the retired list shall be based on the pay, as herein provided for, of commissioned, warrant, and appointed officers and enlisted men of corresponding rank and service on the active list; and all pay herein provided shall remain in force until changed by act of Congress. Nothing herein shall be construed so as to reduce the pay or allowances now authorized by law for any commissioned, warrant, or appointed officer or any enlisted man of the active or retired lists of the Navy, and all laws inconsistent with this provision are hereby repealed.

Retired list, rate of pay.

Six months' pay to beneficiaries of deceased officers and enlisted men.

That hereafter immediately upon official notification of the death from wounds or disease contracted in line of duty of any officer or enlisted man on the active list of the Navy and Marine Corps the Paymaster-General of the Navy shall cause to be paid to the widow of such officer or enlisted man, or any person previously designated by him, an amount equal to six months' pay at the rate received by such officer or enlisted man at the date of his death, less seventy-five dollars in the case of an officer and thirty-five dollars in the case of an enlisted man, to defray expenses of interment, and the residue, if any, of the amount reserved shall be paid subsequently to the designated person. The Secretary of the Navy shall establish regulations requiring each officer and enlisted man to designate the proper person to whom this amount

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shall be paid in case of death, and said amount shall be paid to that person from funds appropriated for the pay of the Navy and Marine Corps.

PAY, MISCELLANEOUS.

The Secretary of the Navy shall send to Congress at the beginning of its next regular session a complete schedule or list showing the amount in money of all pay under the provisions of this act and for all allowances for each grade of officers in the Navy, including retired officers, and for all officers included in this act and for all enlisted men so included.

Estimates of pay, officers and enlisted men, how made.

The estimates for the support of the Navy shall hereafter show, under the head of Pay of the Navy, the sums allowed for pay of officers belonging to the line, to the several departments of the staff, and to the retired list; the estimates to show under each head the amount allowed for pay proper, for increases due to longevity and foreign service, and for pay at sea rates to officers employed on shore; together with the total number of warrant and petty officers and seamen of the several grades and designations, including as to each class the amount allowed for pay proper and for longevity or service increases. The estimates shall include a list giving the rates of pay for all petty officers and other enlisted men of the Navy.

* * * * *

Miscellaneous items.

For * * * all charges pertaining to the Navy Department and its bureaus for ice for the cooling of drinking water on shore (except at naval hospitals), telephone rentals and tolls, telegrams, cablegrams, and postage, foreign and domestic, post-office box rentals; and other necessary and incidental expenses, * * *.

BUREAU OF NAVIGATION.

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Badges, etc.

For badges and ribbons to be distributed by the Secretary of the Navy to officers and men of the Navy and Marine Corps who have participated in engagements and campaigns deemed worthy of such commemoration, three thousand five hundred dollars.

Irons, abolished.

That the use of irons, single or double, as a form of punishment in the Navy of the United States is hereby abolished, except for the purposes of safe custody or when part of the sentence imposed by a general court-martial.

BUREAU OF ORDNANCE.

* * * * *

Munitions, issue of.

Ammunition and other supplies for ships, two million seven hundred and fifty thousand dollars: *Provided*,

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That the Secretary of the Navy is hereby authorized to utilize all ammunition and other supplies already on hand under the appropriations "Increase of the Navy; Armor and Armament," "Reserve Ammunition," and "Reserve Powder and Shell," for general issue to ships in commission, as though purchased from this appropriation: *Provided*, That no part of this appropriation shall be expended for the purchase of shells or projectiles except for shells or projectiles purchased in accordance with the terms and conditions of proposals submitted by the Secretary of the Navy to all of the manufacturers of shells and projectiles and upon bids received in accordance with the terms and requirements of such proposals. All shells and projectiles shall conform to the standards prescribed by the Secretary of the Navy.

Shell, standards for.

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Machine tools for navy yard and magazine.

Machine tools, navy-yard, New York, and magazine, Dover, New Jersey, ten thousand dollars.

Dover.

Machine tools, navy-yard, Mare Island, California, fifty thousand dollars.

Mare Island.

One five-ton auxiliary hoist, building numbered one hundred and eleven, navy-yard, Mare Island, California, three thousand five hundred dollars.

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New batteries.

NEW BATTERIES FOR SHIPS OF THE NAVY: For completing the work of modifying four-inch forty-caliber mounts, and providing new sights; and for modifying five-inch forty-caliber mounts, and providing new sights for same, sixty thousand dollars.

For replacing three-pounder and six-pounder guns, mounts, and sights on board battle ships and armored cruisers by three-inch fifty-caliber, or larger, guns, mounts, and sights, four hundred and fifteen thousand dollars.

For replacing eight-inch Mark V guns (forty-caliber) with eight-inch Mark VI guns (forty-five caliber) on United States ship "Maryland" and class (twenty guns), two hundred and fifty thousand dollars.

To reline and convert twelve-inch Mark III guns to mark IV guns, three hundred and fifty thousand dollars.

For replacing Mark IX Modern two-firing locks with Mark X firing locks on five-inch and six-inch guns, forty-five thousand dollars.

For fire-control instruments for ships, three hundred thousand dollars.

Torpedoes. Converting torpedo boats.

TORPEDOES, AND CONVERTING TORPEDO BOATS: For converting twenty torpedo boats from boats using three and fifty-five one-hundredths meter, to boats using five-meter torpedoes, and for the purchase and manufacture of torpedoes, six hundred and fifty thousand dollars.

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BUREAU OF EQUIPMENT.

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EQUIPMENT MACHINERY PLANTS: For the purchase and installation of the necessary machinery and tools in the following equipment buildings which have been appropriated for and are nearing completion: Machinery and tools, equipment shops—

Equipment building at Charleston, fifty thousand dollars; Charleston.

Equipment building at New Orleans, twenty-five thousand dollars; New Orleans.

Equipment building at Pensacola, twenty-five thousand dollars. Pensacola.

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PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: Sewer system, extension, six thousand five hundred dollars; to complete blasting in front of quay wall, sixty thousand dollars; storehouse for combustibles, thirty thousand one hundred dollars; railroad extension, ten thousand dollars; heating system, extension, twenty thousand dollars; electric plant, extension, twenty thousand dollars; steam main central power plant to steam engineering plant, nine thousand dollars; naval prison, extension, sixty-five thousand dollars; quay walls, extension, twenty-five thousand dollars; in all, two hundred and forty-five thousand six hundred dollars. Portsmouth.

NAVY-YARD, BOSTON, MASSACHUSETTS: Railroad rolling stock, three thousand dollars; telephone system, extensions, two thousand dollars; repairs to pier numbered one, five thousand dollars; power plant, extensions, one hundred and fifty thousand dollars; railroad system, extensions, seven thousand dollars; underground conduit system, extension, thirty thousand eight hundred dollars; in all, navy-yard, Boston, one hundred and ninety-seven thousand eight hundred dollars. Boston.

NAVY-YARD, NEW YORK, NEW YORK: Electric plant, extensions, forty thousand dollars; underground conduits, extension, twenty-five thousand dollars; central power plant, one hundred and fifteen thousand dollars; railroad equipment, additional, five thousand dollars; sewers and drains, fifteen thousand dollars; railroad system, extensions, fifteen thousand dollars; repairs to roofs of buildings, twenty thousand dollars; telephone system, extensions, twelve thousand dollars; reconstructing roof, power house numbered forty-one, thirty-three thousand dollars; extending chemical laboratory, six thousand dollars; in all, navy-yard, New York, New York, two hundred and eighty-six thousand dollars: *Provided*, That the Secretary of the Navy is hereby authorized to expend toward the general improvement of the water front at New York.

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the navy-yard, New York, New York, the unexpended balance of the appropriation made by the act approved June seventh, nineteen hundred, making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and one, and for other purposes, for the construction of a bascule bridge at said navy-yard: *Provided further*, That the limit of cost of dry dock numbered four at the navy-yard, New York, New York, is hereby fixed at one million five hundred thousand dollars, and the Secretary of the Navy is authorized, in his discretion, to construct said dry dock by contract or day labor, or both, as he may deem to be for the best interests of the Government.

Philadelphia. NAVY-YARD, PHILADELPHIA, PENNSYLVANIA: Shelves and wall cases, and so forth, for building numbered four, Supplies and Accounts storehouse, twelve thousand dollars; extension to railroad system, ten thousand dollars; extension of electric conduit system, eight thousand dollars; central power plant, extension, one hundred and fifty thousand dollars; equipment for railroad, five thousand dollars; raising and repairing mess hall at camp, five thousand dollars; in all, navy-yard, Philadelphia, one hundred and ninety thousand dollars.

Washington. NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: Quay wall, to complete, twenty-five thousand dollars; storage bins for perishable material, six thousand dollars; machinery for power-plant extension, twelve thousand dollars; electric-light plant extension, five thousand dollars; in all, forty-eight thousand dollars.

Norfolk. NAVY-YARD, NORFOLK, VIRGINIA: Railroad tracks, extensions, fifteen thousand dollars; telephone system, extensions, seven thousand dollars; electric plant, extensions, fifty thousand dollars; repairs, buildings, Saint Helena, twenty-five thousand dollars; central power plant, to complete, two hundred thousand dollars; dredging, to continue, fifty thousand dollars; railroad rolling stock, ten thousand dollars; extension of wharf at dry dock numbered three, fifty thousand dollars; heating system, extensions, ten thousand dollars; compressed-air system, extensions, ten thousand dollars; dry kiln for construction and repair, seven thousand five hundred dollars; renew roof of foundry, building numbered twenty-two, steam engineering, eight thousand dollars; new roof and crane for building numbered twenty-three, steam engineering, sixty thousand dollars; elevator in buildings numbered eleven, thirteen, fourteen, seventeen, and thirty-three, twenty thousand dollars; naval supply storehouse (to cost four hundred and fifty thousand dollars) fifty thousand dollars; improvements to building numbered sixteen, complete, twenty-five thousand dollars; heating building numbered thirty-seven, steam engineering, seven thousand five hundred dollars; improvements to water front, one hundred thousand dollars; in

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all, navy-yard, Norfolk, Virginia, seven hundred and five thousand dollars.

Charleston. NAVY-YARD, CHARLESTON, SOUTH CAROLINA: Sewer system, extension, five thousand dollars; heating system, extensions, ten thousand dollars; completing power plant, seventy thousand dollars; slips for torpedo boats, fifty thousand dollars; elevator and interior fittings, building numbered seven, seventeen thousand dollars; paving and grading (to continue), ten thousand dollars; clearing yard, five thousand dollars; in all, navy-yard, Charleston, South Carolina, one hundred and sixty-seven thousand dollars.

Pensacola. NAVY-YARD, PENSACOLA, FLORIDA: Machinery for central power plant, fifteen thousand dollars; water system, ten thousand dollars; railroad track and equipment, ten thousand dollars; tools for yards and docks, one thousand eight hundred dolllars; in all, navy-yard, Pensacola, thirty-six thousand eight hundred dollars.

New Orleans. NAVAL STATION, NEW ORLEANS, LOUISIANA: Drainage system, to continue, five thousand dollars; central heating plant, extension, ten thousand dollars; underground conduit system, five thousand dollars; improvements to machine shop, building numbered four, six thousand dollars; sewer system, extensions, five thousand dollars; improvements to River Front, twenty-five thousand dollars; in all, navy-yard, New Orleans, fifty-six thousand dollars.

Mare Island. NAVY-YARD, MARE ISLAND, CALIFORNIA: Railroad system, extension, ten thousand dollars; telephone system, extensions, two thousand dollars; central power plant at Mare Island Navy-Yard, California, one hundred thousand dollars; grading and paving, extension, fifteen thousand dollars; quay wall, extension, fifty thousand dollars; new elevators in buildings numbered sixty-nine and seventy-one, four thousand dollars; dredging, ten thousand dollars; improvement of channel in Mare Island Strait, to continue, twenty thousand dollars; in all, navy-yard, Mare Island, two hundred and eleven thousand dollars.

Puget Sound. NAVY-YARD, PUGET SOUND, WASHINGTON: Electric-light plant, extensions, five thousand dollars; water system, extensions, twelve thousand dollars; heating system, extensions, six thousand dollars; stone and concrete dry dock, to continue (to cost two million dollars), one hundred thousand dollars; sewer system, extensions, three thousand dollars; telephone system, extensions, three thousand dollars; railroad and equipment, extensions, ten thousand dollars; central power plant, extensions, two hundred and eighty thousand dollars; hardwood lumber shed, twenty thousand dollars; water-closet for ships in dock, twelve thousand dollars; oil house, thirty thousand dollars; dry kiln, six thousand dollars; underground conduit system, fifteen thousand dollars; electric

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elevator and fittings, building numbered fifty-nine, eight thousand dollars; foundry for all departments (to cost one hundred and seventy-five thousand dollars), fifty thousand dollars; in all, navy-yard, Puget Sound, Washington, five hundred and sixty thousand dollars.

Olongapo. NAVAL STATION, OLONGAPO, PHILIPPINE ISLANDS: Toward the improvement and development of the Naval Station, Olongapo, Philippine Islands, one hundred thousand dollars. The Secretary of the Navy is hereby authorized to expend, without limitation as to quantities and unit prices, the various amounts appropriated by the act approved April twenty-seventh, nineteen hundred and four, entitled "An act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and five, and for other purposes," for the naval station, Olongapo, Philippine Islands, for the respective improvements therein named.

Guam. NAVAL STATION, ISLAND OF GUAM: Dredging, three thousand dollars; extension of naval-station roads, ten thousand dollars; water-supply system, ten thousand dollars; fire-protection system, seven thousand five hundred dollars; extension of telephone system, one thousand five hundred dollars; in all, thirty-two thousand dollars.

NAVAL STATION, HONOLULU, HAWAII: Repairs to wharves, six thousand dollars.

Pearl Harbor. NAVAL STATION, PEARL HARBOR, HAWAII: The Secretary of the Navy is hereby authorized and directed to establish a naval station at Pearl Harbor, Hawaii, on the site heretofore acquired for that purpose; and to erect thereat all the necessary machine shops, storehouses, coal sheds, and other necessary buildings, and to build thereat one graving dry dock capable of receiving the largest war vessels of the Navy, at a cost not to exceed two million dollars for said dry dock. The sums hereinafter stated are hereby appropriated and made immediately available, to be expended at the discretion of the Secretary of the Navy, to wit: Toward dredging an entrance channel of a depth of thirty-five feet, four hundred thousand dollars; toward construction of dry docks, three hundred thousand dollars; toward erecting machine shops (to cost three hundred thousand dollars), one hundred thousand dollars; storehouses (to cost three hundred thousand dollars), one hundred thousand dollars; toward yard development, one hundred thousand dollars; in all, one million dollars. That the Secretary of the Navy may, in his discretion, enter into contracts for any portion of the work, including material therefor, within the respective limits of cost herein stipulated, subject to appropriations to be made therefor by Congress, or may direct the construction of said works or any portion thereof under the supervision of a civil engineer of the Navy.

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NAVAL STATION, CAVITE, PHILIPPINE ISLANDS: Extension of boat-storage shed, six thousand dollars; improvements to central wharf, five thousand dollars; receiving and shipping shed, five thousand five hundred dollars; improvements to buildings one, two, three, four H, six thousand dollars; improvements to building numbered twenty-nine, four thousand five hundred dollars; improvements to building numbered nine, three thousand five hundred dollars; lumber shed in building numbered eighty-four, one thousand seven hundred dollars; improvements to building numbered twenty-three, six thousand five hundred dollars; improvements to number one ways, sixteen thousand dollars; improvements to building numbered eighty-three, three thousand dollars; railroad system, extension, two thousand dollars; in all, fifty-nine thousand seven hundred dollars. Cavite.

NAVAL STATION, CULEBRA, PORTO RICO: Clearing and cleaning station, one thousand five hundred dollars; cold-storage plant, four thousand dollars; improvements, water system, one thousand six hundred dollars; sewer system, two thousand dollars; fire-protection system, two thousand dollars; in all, eleven thousand one hundred dollars. Culebra.

NAVAL STATION, TUTUILA: Dispensary and sick quarters, fifteen thousand dollars. Tutuila.

PLANS AND SPECIFICATIONS FOR PUBLIC WORKS: Navy Department: Plans and estimates required by section thirty-six hundred and sixty-three, Revised Statutes, and plans and specifications for public works, thirty thousand dollars. Plans and specifications.

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FLOATING DERRICKS: One one-hundred ton floating derrick (to cost two hundred and fifty thousand dollars), one hundred thousand dollars. Floating derricks.

The Secretary of the Navy is hereby authorized to transfer from the navy-yard, Boston, Massachusetts, to and erect at the navy-yard, Portsmouth, New Hampshire, the one-hundred ton shears improved and repaired under the acts approved July first, nineteen hundred and two, and March third, nineteen hundred and three, and the unexpended balances of the appropriations made by said acts for the improvement of said shears are hereby reappropriated, and the further sum of two thousand four hundred dollars is hereby appropriated for this purpose. One-hundred-ton shears, Boston to Portsmouth.

Total public works, navy-yards and stations, four million six hundred and fifty-nine thousand four hundred dollars.

The Secretary of the Navy shall report to Congress, at the commencement of the next regular session, the amount of money expended on consolidation of power plants since the authorization for such consolidation was given, Consolidation of power plants, report of expenditures.

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in nineteen hundred and four, such statement to be in detail for each navy-yard and to indicate amount expended for building and machinery separately; also to include a statement of the value of building and power plants at each navy-yard at the date of the above noted authorization; also the total amounts appropriated for power houses and power-plant extensions which had not been utilized on April twenty-seventh, nineteen hundred and four, the date of the authorization of the consolidations.

PUBLIC WORKS UNDER THE SECRETARY OF THE NAVY.

Naval Academy.

BUILDINGS AND GROUNDS, NAVAL ACADEMY: For enlarging the water plant of the Naval Academy, enlarging the reservoir, installing additional pumps, filters, piping, and strainers; and for all other materials and labor for this purpose, forty thousand dollars.

For the erection of three fireproof buildings, to be used as magazines and filling house, and including necessary grading, walks, and landing stage, seven thousand dollars.

Lepers, Guam.

BUILDINGS FOR LEPERS, ISLAND OF GUAM: Naval station, island of Guam: Maintenance and care of lepers and other special patients, fifteen thousand dollars; in all, fifteen thousand dollars.

Total public works under Secretary's office, sixty-two thousand dollars.

PUBLIC WORKS UNDER BUREAU OF NAVIGATION.

Improvements, naval training stations, California.

NAVAL TRAINING STATION, CALIFORNIA, BUILDING: Extension of wharf to which Pensacola is moored, twelve thousand dollars; pipe line and tank for dispensary, four thousand dollars; repairs to long wharf, nine thousand dollars; increase of electric plant, two thousand five hundred dollars; roads, grounds, and planting of trees, two thousand dollars; in all, twenty-nine thousand five hundred dollars.

Rhode Island.

NAVAL TRAINING STATION, RHODE ISLAND, BUILDINGS: Improving and grading grounds and roads, two thousand dollars; dredging channel and basin, three thousand dollars; steam-distributing lines, eight thousand two hundred and fifty dollars; increase of heating and lighting plant, fifteen thousand dollars; electric distributing and lighting system, to increase, eight thousand three hundred and forty dollars; receiving and disinfecting building, thirty thousand dollars; additional detention building, twenty thousand dollars; repairs to barracks "B," nine thousand eight hundred dollars; walks at detention barracks, two thousand dollars; water-closet buildings for workmen, one thousand five hundred dollars; new

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wharf to Reina Mercedes, fifteen thousand dollars; for bakery, including scales, refrigerating plant, and necessary equipment to make the same suitable for use in connection with the training of bakers and cooks, twenty-five thousand dollars; in all, naval training station, Rhode Island, one hundred and thirty-nine thousand eight hundred and ninety dollars.

Great Lakes.

NAVAL TRAINING STATION, GREAT LAKES, BUILDINGS: To complete buildings in accordance with the provisions of the act of Congress approved June twenty-ninth, nineteen hundred and six, seven hundred and fifty thousand dollars.

To complete electrical mains and conduits, heating mains and concrete conduits, heating station equipment, power plant equipment, water supply and sewage disposal, one hundred and ninety-three thousand one hundred dollars.

Furniture, commandant's quarters, three thousand five hundred dollars.

Furniture, six officers' quarters, nine thousand dollars.

For architect's fee of three and one-half per centum of estimated cost of buildings authorized by act of Congress, approved June twenty-ninth, nineteen hundred and six, seventy thousand dollars.

For cost of inspection of public works, twenty-five thousand dollars.

For pile revetment and grading at site of sewage-disposal plant, thirty-five thousand dollars.

Construction of trestle to power house, ten thousand dollars.

In all, one million and ninety-five thousand six hundred dollars;

In all, public works, Bureau of Navigation, one million two hundred and sixty-four thousand nine hundred and ninety dollars.

PUBLIC WORKS, BUREAU OF ORDNANCE.

Improvements, naval magazines.

Indian Head.

NAVAL PROVING GROUND, INDIAN HEAD, MARYLAND: Providing and laying conduits for chronograph, bell, telephone and power lines, three thousand seven hundred and forty dollars; raising roof of powder-factory storehouse, and so forth, three thousand four hundred and forty dollars; concrete retaining wall, two thousand five hundred dollars; extending machine shop, two thousand and eighty dollars; tide bridge for loading barges, three thousand dollars; in all, naval proving ground, Indian Head, fourteen thousand seven hundred and sixty dollars.

Fort Mifflin.

Naval magazine, Fort Mifflin, Pennsylvania: Three filling houses, five thousand one hundred dollars; installation of watchman's clock system, two thousand dollars; to complete one building for marine guard, seven thou-

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sand five hundred dollars; in all, fourteen thousand six hundred dollars.

Mare Island. Naval magazine, Mare Island, California: One compressed air locomotive, three thousand five hundred dollars; one hoisting crane on wharf, two thousand dollars; new floors in buildings numbered A one, two, three, and four, six thousand dollars; in all, eleven thousand five hundred dollars.

Iona Island. Naval magazine, New York Harbor: For naval magazine, New York Harbor (Iona Island): Marine barracks, ten thousand dollars; in all, ten thousand dollars.

Puget Sound. For naval magazine, navy-yard, Puget Sound, Washington: One fuze house, two thousand two hundred dollars; one observation magazine, three thousand seven hundred and fifty dollars; one magazine, seven thousand dollars; one watchman's house, four thousand five hundred dollars; one stable, one thousand five hundred dollars; railroad system, fifteen thousand four hundred dollars.

In all, thirty-four thousand three hundred and fifty dollars.

Newport. Torpedo station, Newport, Rhode Island: Steel track, six hundred and fifty dollars; new water main across harbor, three thousand five hundred dollars; additional machinery for torpedo factory, fifty thousand dollars; in all, fifty-four thousand one hundred and fifty dollars.

Pensacola. NAVY-YARD, PENSACOLA, FLORIDA: For navy-yard, Pensacola, Florida: Construction of water tank tower, five thousand dollars.

Olongapo. NAVAL MAGAZINE, OLONGAPO, PHILIPPINE ISLANDS: For naval station, Olongapo, Philippine Islands: One chemical laboratory for testing smokeless powder, two thousand dollars; one set of quarters for inspector of ordnance and powder, six thousand dollars.

Total public works under Bureau of Ordnance, one hundred and fifty-two thousand three hundred and sixty dollars.

PUBLIC WORKS UNDER BUREAU OF EQUIPMENT.

Naval Observatory. NAVAL OBSERVATORY: Grounds and roads: Continuing grading, extending roads and paths, clearing and improving grounds, ten thousand dollars.

PUBLIC WORKS UNDER BUREAU OF MEDICINE AND SURGERY.

Improvements, naval hospitals. Annapolis. Naval hospital, Annapolis, Maryland: For the erection of new wards, eighty-five thousand dollars.

Norfolk. Naval hospital, Norfolk, Virginia: For the renovation of the present hospital buildings and for the erection of new wards, to cost not to exceed two hundred thousand dollars, as authorized by the act of Congress approved

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June twenty-ninth, nineteen hundred and six, one hundred thousand dollars.

Naval hospital, Great Lakes: For the erection of naval hospital buildings, to cost not to exceed two hundred and fifty thousand dollars, one hundred thousand dollars. Great Lakes.

Naval hospital, Puget Sound, Washington: For the completion of naval hospital buildings, seventy-five thousand dollars, (total cost not to exceed one hundred and fifty thousand dollars,) as authorized by the naval act of March second, nineteen hundred and seven. Puget Sound.

Total public works under Bureau of Medicine and Surgery, three hundred and sixty thousand dollars.

PUBLIC WORKS, MARINE CORPS.

For the completion of the storehouse, marine barracks, Boston, Massachusetts, twenty thousand dollars. Improvements, marine barracks and quarters. Boston.

For the completion of the storehouse, marine barracks, navy-yard, New York, New York, thirty thousand dollars. New York.

Barracks and quarters, Marine Corps: to complete three officers' quarters, marine barracks, navy-yard, Philadelphia, Pennsylvania, fifteen thousand dollars. Philadelphia.

To complete the quartermaster's depot, Philadelphia, Pennsylvania, the purchase of ground adjoining such building, and addition to depot, seventy thousand dollars. Quartermaster's depot.

For the completion of officers' quarters, marine barracks, navy-yard, Norfolk, Virginia, five thousand dollars. Norfolk.

Naval station, Charleston, South Carolina: For the completion of officers' quarters, twenty-five thousand dollars; and for marine barracks, fifty thousand dollars; in all, seventy-five thousand dollars. Charleston.

To complete officers' quarters, marine barracks, navy-yard, Pensacola, Florida, five thousand dollars. Pensacola.

For installing electric lights and heating system, marine barracks, Sitka, Alaska, five thousand dollars. Sitka.

For the completion of officers' quarters, naval station, Olongapo, Philippine Islands, ten thousand dollars; and for the construction and completion of amusement room and gymnasium for enlisted men, ten thousand dollars. Olongapo.

For the necessary repairs and improvements to such buildings at the naval station, New London, Connecticut, as have been assigned to the Marine Corps by the Navy Department, ten thousand dollars, which sum shall be in addition to the twenty-five thousand dollars appropriated for this object in the naval appropriation act, approved June twenty-ninth, nineteen hundred and six. New London.

In all, public works, Marine Corps, two hundred and fifty-five thousand dollars.

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BUREAU OF MEDICINE AND SURGERY.

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Nurse corps, establishment of.

The nurse corps (female) of the United States Navy is hereby established, and shall consist of one superintendent, to be appointed by the Secretary of the Navy, who shall be a graduate of a hospital training school having a course of instruction of not less than two years, whose term of office may be terminated at his discretion, and of as many chief nurses, nurses, and reserve nurses as may be needed: *Provided*, That all nurses in the nurse corps shall be appointed or removed by the Surgeon-General, with the approval of the Secretary of the Navy, and that they shall be graduates of hospital training schools having a course of instruction not less than two years. The appointment of superintendent, chief nurses, nurses, and reserve nurses shall be subject to an examination as to their professional, moral, mental, and physical fitness, and that they shall be eligible for duty at naval hospitals and on board of hospital and ambulance ships and for such special duty as may be deemed necessary by the Surgeon-General of the Navy. Reserve nurses may be assigned to active duty when the necessities of the service demand, and when on such duty shall receive the pay and allowances of nurses: *Provided*, That they shall receive no compensation except when on active duty. The superintendent, chief nurses, and nurses shall respectively receive the same pay, allowances, emoluments, and privileges as are now or may hereafter be provided by or in pursuance of law for the nurse corps (female) of the Army.

Hospital Corps, pay of.

The pay of enlisted men of the Hospital Corps shall be the same as that provided for the corresponding ratings of the seaman branch and other staff corps of the Navy.

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BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: * * *.

Repairs to vessels specified.

Provides, "The Secretary of the Navy is hereby authorized to make expenditures from appropriate funds under the various bureaus for repairs and changes on the vessels herein named in an amount not to exceed the sum specified for each vessel, respectively, as follows: The Brooklyn, four hundred and fifty-three thousand five hundred dollars; the San Francisco, six hundred thousand two hundred and fifty dollars; the Baltimore, six hundred and fifty-three thousand three hundred dollars; the Alabama, six hundred and sixty-seven thousand five hundred dollars; the Illinois, six hundred and sixty-seven thousand five hundred dollars; the Iowa, five hundred and fifty-seven thousand five hundred dollars; the Kearsarge, six hundred and seventy-three thousand five hun-

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dred dollars; the Kentucky, six hundred and seventy-three thousand five hundred dollars; the Maine, two hundred thousand dollars; the Adder, forty-six thousand five hundred dollars; the Bennington, one hundred and ninety-five thousand seven hundred and fifty dollars; the Grampus, fifty-seven thousand five hundred dollars; the Moccasin, forty-six thousand five hundred dollars; the Pike, fifty-seven thousand five hundred dollars; the Paul Jones, seventy-seven thousand dollars; the Nicholson, fifty-five thousand dollars; the O'Brien, fifty-five thousand dollars; the Narkeeta, nineteen thousand dollars; the Holland, thirty-two thousand dollars and eighty-eight cents; in all, five million seven hundred and eighty-eight thousand three hundred dollars and eighty-eight cents, as per the report of the Secretary of the Navy, House Document Numbered Six hundred and fifty-six, Sixtieth Congress, and letters of the Secretary of the Navy of April twentieth, nineteen hundred and eight, concerning general repairs to the Maine."

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BUREAU OF STEAM ENGINEERING.

STEAM MACHINERY: * * *.

It is "*Provided*, * * * to complete the machinery of the seagoing tugs Patapsco and Patuxent, now building at the navy-yards at Portsmouth, New Hampshire, and Norfolk, Virginia. Patapsco. Patuxent.

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Machinery plant, navy-yard, Portsmouth, New Hampshire: To outfit new shops, authorized and completed or nearly completed, especially the new boiler and pattern shops, with new power tools, and with the necessary fixtures and motors, and to replace obsolete and worn-out machine tools, thirty thousand dollars; in all, thirty thousand dollars. Machinery plants at navy yards. Portsmouth.

Machinery plant, navy-yard, Boston, Massachusetts: For additional machine tools for boiler shop extension and the coppersmith shop, twenty-five thousand dollars. Boston.

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Machinery plant, naval station, New Orleans, Louisiana: To continue purchase and installation of new machine tools to equip shops for repair of naval vessels, ten thousand dollars. New Orleans.

Machinery plant, navy-yard, Mare Island, California: For additional new machine tools required in new and repair work of naval vessels, twenty-five thousand dollars. Mare Island.

Machinery plant, navy-yard, Puget Sound, Washington: For additional new machine tools required in repair work of naval vessels, twenty-five thousand dollars. Puget Sound.

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NAVAL ACADEMY.

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Midshipmen's store fund closed.

Provides, "The Secretary of the Treasury is hereby authorized and directed to close and balance as expended the sum of twenty-four thousand five hundred dollars now standing on the books of the Treasury under the appropriation 'Pay of the Navy,' which was advanced by direction of the Secretary of the Navy in eighteen hundred and sixty-seven and eighteen hundred and sixty-eight, and has heretofore been used as a midshipmen's store fund at the Naval Academy: *Provided*, That hereafter the storekeeper at the Naval Academy, authorized by section fifteen hundred and twenty-seven of the Revised Statutes, shall render quarterly returns of property to the Chief of the Bureau of Supplies and Accounts, under such regulations as the Secretary of the Navy may prescribe. A full report shall be made annually of receipts and expenditures by the Chief of the Bureau of Supplies and Accounts to the Secretary of the Navy:

Inspection of accounts.

And provided further, That an inspection of the storekeeper's accounts shall be made quarterly by the general inspector of the Pay Corps, with such recommendation as he may deem necessary, to the Chief of the Bureau of Supplies and Accounts."

Naval bands.

Navy bands or members thereof, other than the United States Naval Academy band at Annapolis, Maryland, shall not receive remuneration for furnishing music outside the limits of military posts, when the furnishing of such music places them in competition with local civilian musicians.

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MARINE CORPS.

PAY, MARINE CORPS: * * *.

Additional officers and men, pay of.

It is "*Provided*, That so much * * * as is needed to pay the additional officers of the Marine Corps provided for in this act shall be immediately available."

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Pay of enlisted men, active list: * * *.

It is "*Provided*, That so much * * * as is needed to pay the additional enlisted men of the Marine Corps provided for in this act shall be immediately available."

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Marine Corps, increase of officers and enlisted men.

That from and after the passage of this act, and in order to further increase the efficiency of the United States Marine Corps, the following additional officers, noncommissioned officers, drummers, trumpeters, and privates to those now provided by law for said corps are hereby authorized and directed, namely: One major-general commandant, in lieu of the present brigadier-general commandant; one colonel; one lieutenant-colonel;

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two majors; eighteen captains; seven first lieutenants; fourteen second lieutenants; one assistant adjutant and inspector, with the rank of lieutenant-colonel; one assistant quartermaster, with the rank of lieutenant-colonel; one assistant quartermaster, with the rank of major; and three assistant quartermasters, with the rank of captain; one assistant paymaster, with the rank of major; one assistant paymaster, with the rank of captain; two sergeant-majors; fifteen quartermaster-sergeants, five of whom are to serve in the pay department; twenty first sergeants; fifty sergeants; one hundred and twenty-five corporals; ten drummers; ten trumpeters; and five hundred and eighteen privates: *Provided*, That hereafter the number of enlisted men in the United States Marine Corps shall be such as the Congress may from time to time authorize.

That the vacancies now existing in the line and staff departments of the United States Marine Corps and those created by this act shall be filled in the manner provided by law.

To meet the increase in pay of the Marine Corps provided in the act making appropriation for the support of the Army for the fiscal year ending June thirtieth, nineteen hundred and nine, and in section sixteen hundred and twelve of the Revised Statutes of the United States, for officers on the active list, officers on the retired list, enlisted men on the active list, and enlisted men on the retired list, eight hundred and two thousand seven hundred and fifty dollars and fifty-five cents is hereby appropriated: *Provided*, That so much of the foregoing appropriation as is needed to pay the increase for the remainder of the fiscal year ending June thirtieth, nineteen hundred and eight, shall be immediately available.

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INCREASE OF THE NAVY.

Two battleships.

That, for the purpose of further increasing the naval establishment of the United States, the President is hereby authorized to have constructed, two first-class battle ships to cost, exclusive of armor and armament, not exceeding six million dollars each, similar in all essential characteristics to the battle ship authorized by the act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and eight. At least one of such battle ships shall be built and constructed under the direction of the Secretary of the Navy at one of the navy-yards; the other of said battle ships may also be constructed at one of the navy-yards in the discretion of the Secretary of the Navy, or by contract as hereinafter provided.

Ten torpedo-boat destroyers.

Ten torpedo-boat destroyers, to have the highest practicable speed, and to cost, exclusive of armament, not to

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exceed eight hundred thousand dollars each, to be built by contract, not more than three by any one contractor.

Two colliers.

Two fleet colliers, of fourteen knots trial speed, when carrying not less than twelve thousand five hundred tons of cargo and bunker coal. One of said colliers to be built in such government yard on the Pacific coast as the Secretary of the Navy shall direct. Cost not to exceed one million eight hundred thousand dollars each, and toward the construction of both, one million five hundred thousand dollars is hereby appropriated.

Three colliers, purchase of.

The Secretary of the Navy, in his discretion, is hereby authorized to purchase three new steam colliers of American registry, having a cargo carrying capacity of approximately seven thousand two hundred tons dead weight each, at a cost not exceeding five hundred and twenty-five thousand dollars each; and the sum of one million five hundred and seventy-five thousand dollars is hereby appropriated, out of any money in the Treasury not otherwise appropriated, for the purchase of the colliers above authorized.

Contract, award of.

And the contract for the construction of said vessels shall be awarded by the Secretary of the Navy to the lowest best responsible bidder, having in view the best results and most expeditious delivery; and in the construction of all of said vessels the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the naval establishment," as to materials for said vessels, their engines, boilers, and machinery, the contracts under which they are built, the notice of any proposals for the same; the plans, drawings, specifications therefor, and the method of executing said contracts shall be observed and followed, and, subject to the provisions of this act, all said vessels shall be built in compliance with the terms of said act, and in all their parts shall be of domestic manufacture; and the steel material shall be of domestic manufacture, and of the quality and characteristics best adapted to the various purposes for which it may be used, in accordance with specifications approved by the Secretary of the Navy.

Eight submarines.

For eight submarine torpedo boats, in an amount not exceeding in the aggregate three million five hundred thousand dollars, and the sum of three million dollars is hereby appropriated toward said purpose and for the completion of submarine boats heretofore authorized.

Construction and machinery.

CONSTRUCTION AND MACHINERY: On account of hulls and outfits of vessels and steam machinery of vessels heretofore authorized, nine million eight hundred and thirty-two thousand nine hundred and sixty-two dollars.

Armor and armament.

ARMOR AND ARMAMENT: Toward the armor and armament of domestic manufacture for vessels authorized, seven million dollars.

Toward the construction and machinery and armor and armament of the vessels herein authorized, seven

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million dollars: *Provided*, That no part of this appropriation shall be expended for armor for vessels except upon contracts for such armor when awarded by the Secretary of the Navy to the lowest responsible bidders, having in view the best results and most expeditious delivery.

INCREASE OF THE NAVY, EQUIPMENT: Toward the completion of the equipment outfit of the new vessels authorized, four hundred thousand dollars. Equipment.

Total increase of the Navy, thirty million three hundred and seven thousand nine hundred and sixty-two dollars.

That no part of any sum appropriated by this act shall be used for any expense of the Navy Department at Washington unless specific authority is given by law for such expenditure.

So much of the act entitled "An act making appropriations for the naval service for the fiscal year ending June thirtieth, eighteen hundred and ninety-nine, and for other purposes," approved May fourth, eighteen hundred and ninety-eight, as provides that monitors owned by the United States shall be named for the States, and shall not be named for any city, place, or person until the names of the States shall have been exhausted, is hereby repealed, and monitors now owned by the United States or hereafter built may be named as the President may direct. Monitors named for States.

Approved, May 13, 1908.

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SIXTIETH CONGRESS, SECOND SESSION—MARCH 3, 1909.

[PUBLIC—No. 308.]

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and ten, and for other purposes.

[Provision is made for the Naval Establishment, and under the headings—]

PAY OF THE NAVY.

Miscellaneous items.

Provides for "Pay of the Nurse Corps; rent of quarters for members of the Nurse Corps; prizes to be awarded to the engineer divisions of the ships in commission for general efficiency and for economy in coal consumption under such rules as the Secretary of the Navy may formulate, * * *."

Retirement.

The provisions of the act approved June twenty-ninth, nineteen hundred and six, entitled "An act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and seven, and for other purposes," providing for the retirement in the next higher grade of officers of the navy who served during the civil war, shall not operate to deprive any officer of the navy who has been, or may be, retired, since the passage of that act, of the right to increased rank and pay to which, but for the passage of said act, he would have been entitled.

The accounting officers of the Treasury are hereby authorized and directed to allow, in the settlement of accounts of disbursing officers involved, payments made to officers of the navy while on temporary leaves of absence since March third, eighteen hundred and ninety-nine, not involving detachment from duty, and not in excess of leaves of absence allowed by law to officers of the army without reduction in pay.

PAY, MISCELLANEOUS.

* * * * *

Civil establishment and classified service.

For "all advertising for the Navy Department and its bureaus (except advertising for recruits for the Bureau of Navigation); * * * *Provided*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for clerical, inspection, and messenger service in navy-yards, naval stations, and purchasing pay offices for the fiscal year ending June thirtieth, nineteen hundred and ten, shall not exceed two

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hundred and forty-nine thousand and fifty-four dollars and twenty-five cents: *Provided further*, That hereafter the rates of pay of the clerical, drafting, inspection, and messenger force at navy-yards and naval stations and other stations and offices under the Navy Department shall be paid from lump appropriations and shall be fixed by the Secretary of the Navy on a per annum or per diem basis as he may elect; that the number may be increased or decreased at his option and shall be distributed at the various navy-yards and naval stations by the Secretary of the Navy to meet the needs of the naval service, and that such per diem employees may hereafter, in the discretion of the Secretary of the Navy, be granted leave of absence not to exceed fifteen days in any one year, which leave may, in exceptional and meritorious cases, where such an employee is ill, be extended, in the discretion of the Secretary of the Navy, not to exceed fifteen days additional in any one year; that the total amount expended annually for pay for such clerical, drafting, inspection, and messenger force shall not exceed the amounts specifically allowed by Congress under the several lump appropriations, and that the Secretary of the Navy shall each year, in the annual estimates, report to Congress the number of persons so employed, their duties, and the amount paid to each: *Provided further*, That it shall be the duty of the Secretary of the Navy to submit to Congress at its next session, and for its consideration, a schedule of rates of compensation, annual or per diem, that should, in his judgment, be permanently fixed by law for clerical, inspection, and messenger service in navy-yards, naval stations, and purchasing pay offices, superintending construction offices, and inspection of engineering material; and in fixing such rates of compensation he shall have due regard for the rates usually paid for like services in the respective localities by employers other than the United States, and he shall not recommend any rate exceeding that being paid by the United States at any such yards, stations, or offices prior to January first, nineteen hundred and nine: *Provided further*, That persons employed in the clerical, drafting, and inspection force at navy-yards and stations discharged for lack of work or insufficiency of funds shall for one year thereafter be preferred for employment in such navy-yards and stations in the clerical, drafting, inspection, and messenger forces; that section fifteen hundred and forty-five, Revised Statutes, and so much of section fifteen hundred and fifty-six of the Revised Statutes as relates to pay of clerks to commandants of navy-yards and naval stations, are hereby repealed; * * *.

Rates of pay to be fixed by Secretary.

Leave.

Schedule of rates of compensation to be submitted to Congress.

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BUREAU OF NAVIGATION.

* * * * *

Discharged naval prisoners, transportation of.

It is "*Provided*, That the Secretary of the Navy is hereafter authorized to transport to their homes or places of enlistment, as he may designate, all discharged naval prisoners; the expense of such transportation shall be paid out of any money that may be to the credit of prisoners when discharged; where there is no such money, the expense shall be paid out of money received from fines and forfeitures imposed by naval courts-martial: *Provided further*, That the Secretary of the Navy is hereby authorized to furnish naval prisoners upon discharge suitable civilian clothing in case, and only where, said discharged prisoners would otherwise be unprovided with suitable clothing to meet their immediate needs."

* * * * *

Classified service at naval training stations.

NAVAL TRAINING STATION, RHODE ISLAND: * * * *Provided*, * * * The * * * clerical, drafting, inspection, and messenger service for the fiscal year ending June thirtieth, nineteen hundred and ten, shall not exceed five thousand seven hundred and one dollars and sixty cents.

Great Lakes.

NAVAL TRAINING STATION, GREAT LAKES: * * * *Provided*, That the * * * clerical, drafting, inspection, and messenger service for the fiscal year ending June thirtieth, nineteen hundred and ten, shall not exceed forty-eight thousand one hundred and thirty-nine dollars and thirty-six cents; * * *.

War College.

NAVAL WAR COLLEGE, RHODE ISLAND: * * * *Provided*, That the * * * clerical, drafting, inspection, and messenger service for the fiscal year ending June thirtieth, nineteen hundred and ten, shall not exceed six thousand three hundred and seventy-five dollars and seventy-six cents; * * *.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: * * *.

Classified force, pay of.

Provides "for pay of chemists, clerical, drafting, inspection, and messenger service in navy-yards, naval stations, and naval magazines: '*Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for chemists, clerical, drafting, inspection, watchmen, and messenger service in navy-yards, naval stations, and naval magazines for the fiscal year ending June thirtieth, nineteen hundred and ten, shall not exceed three hundred and ninety-eight thousand eight hundred and ninety dollars and twenty-eight cents.' * * *." *Provided*, That no part of this appropriation shall be expended for powder other than small-arms powder at a price in excess of sixty-four cents

Powder, limit of cost of.

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a pound. All shells and projectiles shall conform to the standard prescribed by the Secretary of the Navy: *Provided*, That no part of any appropriation made in this act for the purchase of powder shall be paid to any trust or combination in restraint of trade nor to any corporation having a monopoly of the manufacture and supply of gunpowder in the United States, except in the event of extraordinary emergency.

Improvements to machinery.

* * * *Provided*, That no part of this appropriation shall be expended for powder other than small-arms powder at a price in excess of sixty-four cents a pound.

Philadelphia.

Machine tools, navy-yard, Philadelphia, Pennsylvania, nineteen thousand three hundred and ninety dollars.

Boston.

Machine tools, navy-yard, Boston, Massachusetts, nineteen thousand three hundred dollars.

Puget Sound.

Electric traveling crane for gun shed, navy-yard, Puget Sound, Washington, six thousand dollars.

Mare Island.

Air compressor with storage tank and pipe line, naval magazine, Mare Island, California, six thousand dollars.

Washington.

FOR NAVAL GUN FACTORY, WASHINGTON, DISTRICT OF COLUMBIA: New and improved machinery for existing shops, one hundred and fifty thousand dollars.

Remodeling one hundred and ten ton crane in north gun shop, thirty thousand dollars.

New eighty-ton crane over shrinkage pit, north gun shop, twenty-five thousand dollars.

New batteries.

NEW BATTERIES FOR SHIPS OF THE NAVY: For completing the work of modifying four-inch forty-caliber mounts, and five-inch forty-caliber mounts, and providing new sights for same, seventy-five thousand dollars.

For replacing eight-inch Mark V guns with eight-inch Mark VI guns on United States ship "Maryland" and class, two hundred and fifty-two thousand dollars.

For continuing the relining and conversion of twelve-inch Mark III guns to Mark IV guns, one hundred and fifty thousand dollars.

For new sights for five-inch, six-inch, and seven-inch guns and modifying their mounts, two hundred and forty-five thousand dollars.

For fire-control instruments for ships of the navy, one hundred and fifty thousand dollars.

Ammunition for ships. * * *.

Powder, limit of cost of.

Provided, That no part of this appropriation shall be expended for powder other than small-arms powder at a price in excess of sixty-four cents a pound. * * *.

Reserve guns, purchase of.

RESERVE GUNS FOR SHIPS OF THE NAVY: For the purchase and manufacture of reserve guns for ships of the navy, two hundred and fifty thousand dollars.

Modernizing turrets.

MODERNIZING TURRETS: For new and improved gun elevating control for turret guns having electric elevating motors, two hundred and sixty thousand dollars.

Hand purchases for eight-inch turrets, twenty-eight thousand dollars.

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TORPEDOES AND APPLIANCES: * * * *Provided*, That no part of this amount shall be expended for the purchase of torpedoes or appliances or rights pertaining thereto, where the rights to such torpedoes or appliances are the subject of legal controversy now pending. Torpedoes and appliances.

* * * * *

New machinery and tools for torpedo factory, one hundred thousand dollars. Torpedo station, Newport, R. I.

For experimental work in the development of armor-piercing projectiles, fuses, powders and high explosives, in connection with problems of the attack of armor with direct and inclined fire at various ranges, including the purchase of armor, powder, projectiles, and fuses for the above purposes, and of all necessary material and labor in connection therewith; and for other experimental work under the cognizance of the Bureau of Ordnance in connection with the development of ordnance material for the navy, one hundred thousand dollars. Experimental work.

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BUREAU OF EQUIPMENT.

EQUIPMENT OF VESSELS: * * * *Provided*, That the sum to be paid * * * for clerical, drafting, inspection, and messenger service at the several navy-yards, naval stations, and coaling stations for the fiscal year ending June thirtieth, nineteen hundred and ten, shall not exceed two hundred and twenty-six thousand one hundred and ninety-three dollars and sixty cents. Classified force, pay of.

* * * * *

BUREAU OF YARDS AND DOCKS.

MAINTENANCE OF YARDS AND DOCKS: * * * *Provided*, That the sum to be paid * * * for clerical, inspection, drafting, messenger, and other classified work in the navy-yards and naval stations for the fiscal year ending June thirtieth, nineteen hundred and ten, shall not exceed four hundred and twenty-five thousand dollars. Classified force, pay of.

* * * * *

PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: Rebuilding and fireproofing building numbered twenty, forty-three thousand five hundred dollars; electric capstan for quay wall, three thousand dollars; foundry building (to cost two hundred and fifty thousand dollars), fifty thousand dollars; in all, ninety-six thousand five hundred dollars. Portsmouth.

NAVY-YARD, BOSTON, MASSACHUSETTS: Power plant, to complete, one hundred and forty-five thousand dollars; dredging, two thousand five hundred dollars; sewer sys- Boston.

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tem, extensions, two thousand five hundred dollars; improvements to water front, fifty thousand dollars; ropewalk fire protection, ten thousand dollars; in all, navy-yard, Boston, two hundred and ten thousand dollars.

New York. NAVY-YARD, NEW YORK, NEW YORK: Central power plant, to complete, one hundred and sixteen thousand dollars; granite and concrete dry dock, to continue, two hundred thousand dollars; toward improvement of water front facilities, seventy-six thousand three hundred and thirty dollars; in all, navy-yard, New York, New York, three hundred and ninety-two thousand three hundred and thirty dollars.

Philadelphia. NAVY-YARD, PHILADELPHIA, PENNSYLVANIA: Central power plant, to complete, one hundred and seventy-two thousand six hundred dollars; dredging, cost not to exceed four hundred and thirty thousand dollars, two hundred and fifteen thousand dollars; crane track, extensions, thirty thousand dollars; paving around piers, fifty thousand dollars; in all, navy-yard, Philadelphia, four hundred and sixty-seven thousand six hundred dollars.

Washington. NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: Improvements to storehouse for guns and mounts, seven thousand dollars; concrete roof for foundry buildings, fifteen thousand dollars; improvements to building one hundred and eighteen, three thousand dollars; improvements to building forty-one, twenty thousand dollars; fireproof storehouse for fuses, acids, and oils, fifteen thousand dollars; in all, sixty thousand dollars.

Norfolk. NAVY-YARD, NORFOLK, VIRGINIA: Railroad tracks, extensions, ten thousand dollars; electric plant, extensions, twenty thousand dollars; repairs, buildings, Saint Helena, twenty-five thousand dollars; dredging, to continue, fifty thousand dollars; compressed-air system, extensions, ten thousand dollars; improvements to water front, one hundred thousand dollars; locomotive crane, fifty thousand dollars; crane track, twenty thousand dollars; paving and grading, additional, fifteen thousand dollars; in all, navy-yard, Norfolk, Virginia, three hundred thousand dollars.

Charleston. NAVY-YARD, CHARLESTON, SOUTH CAROLINA: Paving and grading (to continue), twenty thousand dollars; underground conduit system, extension, five thousand dollars; intercepting drain, thirty thousand five hundred dollars; pneumatic system, extension, five thousand dollars; dredging, to continue, twenty-five thousand dollars; increasing and improving torpedo-boat slips, fifty thousand dollars; in all, navy-yard, Charleston, South Carolina, one hundred and thirty-five thousand five hundred dollars.

Pensacola. NAVY-YARD, PENSACOLA, FLORIDA: Remodeling building numbered twenty-nine, fifteen thousand dollars; to repair rifle range and wharf, five thousand dollars; in all, navy-yard, Pensacola, twenty thousand dollars.

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NAVAL STATION, KEY WEST, FLORIDA: Latrines, five thousand dollars; concrete cistern, twenty-five thousand dollars; to complete marine railway, fifteen thousand dollars; in all, forty-five thousand dollars. Key West.

NAVY-YARD, MARE ISLAND, CALIFORNIA: Central power plant at Mare Island Navy-Yard, California, to complete, two hundred and fifty-five thousand dollars; new elevators in buildings numbered sixty-nine and seventy-one, five thousand dollars; sewer system, extension, ten thousand dollars; repairs to building numbered one hundred and sixteen, three thousand five hundred dollars; crane track, extension, seventy-five thousand dollars; to continue improvement of channel, one hundred thousand dollars; ordnance storehouse, one hundred thousand dollars; improvements to building numbered sixty-nine, four thousand dollars; railroad system, extension, twenty thousand dollars; in all, navy-yard, Mare Island, five hundred and seventy-two thousand five hundred dollars. Mare Island.

NAVY-YARD, PUGET SOUND, WASHINGTON: Stone and concrete dry dock, to continue (to cost two million dollars), four hundred thousand dollars; sewer system, extensions, eight thousand dollars; railroad and equipment, extensions, ten thousand dollars; general storehouse (to cost two hundred and sixty thousand dollars), one hundred thousand dollars; pier numbered eight, seventy-five thousand dollars; pattern shop, forty thousand dollars; two officers' quarters, eighteen thousand dollars; warrant officers' quarters, four thousand dollars; in all, navy-yard, Puget Sound, Washington, six hundred and fifty-five thousand dollars. Puget Sound.

NAVAL STATION, ISLAND OF GUAM: Dredging, three thousand dollars; extension of naval-station roads, eleven thousand dollars; water-supply system, thirty thousand dollars; in all, forty-four thousand dollars. Guam.

NAVAL STATION, PEARL HARBOR, HAWAII: Toward dredging an entrance channel of a depth of thirty-five feet, six hundred thousand dollars; toward construction of dry dock, to cost two million dollars, two hundred thousand dollars; toward yard development, one hundred thousand dollars; in all, nine hundred thousand dollars. Pearl Harbor.

NAVAL STATION, CAVITE, PHILIPPINE ISLANDS: Improvements to building twenty-five, thirteen thousand five hundred dollars; improvements to building twenty-one, two thousand four hundred dollars; in all, fifteen thousand nine hundred dollars. Cavite.

NAVAL STATION, TUTUILA: Two officers' quarters, three thousand five hundred dollars; preservation of grounds, two thousand dollars; in all, five thousand five hundred dollars. Tutuila.

NAVAL STATION, NEW ORLEANS, LOUISIANA: Levee improvements and grading, forty-five thousand dollars; in all, forty-five thousand dollars. New Orleans.

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Plans for public works.

PLANS AND SPECIFICATIONS FOR PUBLIC WORKS: Navy Department: Plans and estimates required by section thirty-six hundred and sixty-three, Revised Statutes, and plans and specifications for public works, thirty thousand dollars: *Provided*, That the pay of the clerical and drafting service for plans and specifications for public works, Bureau of Yards and Docks, shall be paid from this appropriation.

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Floating derricks.

FLOATING DERRICKS: One one-hundred ton floating derrick, to complete, one hundred and fifty thousand dollars.

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PUBLIC WORKS UNDER THE SECRETARY OF THE NAVY.

Naval Academy.

BUILDINGS AND GROUNDS, NAVAL ACADEMY: For the purchase of land for the extension of the present rifle range near Annapolis for the use of the midshipmen at the Naval Academy, seventy-five thousand dollars, or so much thereof as may be necessary.

Guam.

BUILDINGS FOR LEPERS, ISLAND OF GUAM: Naval station, island of Guam: Maintenance and care of lepers and other special patients, fourteen thousand dollars; in all, fourteen thousand dollars.

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PUBLIC WORKS UNDER BUREAU OF NAVIGATION.

Improvements, naval training station, California.

NAVAL TRAINING STATION, CALIFORNIA, BUILDINGS: Roads, grounds, and planting of trees, two thousand dollars; oiling parade grounds and roads adjacent, two thousand and fifty dollars; shacks for the detention camp, four thousand three hundred and seventy dollars; salt water flushing system, two thousand eight hundred and twenty-five dollars and fifty-two cents; dredging the north side of island, seven thousand two hundred dollars; in all, eighteen thousand four hundred and forty-five dollars and fifty-two cents.

Rhode Island.

NAVAL TRAINING STATION, RHODE ISLAND, BUILDINGS: Improving and grading grounds and roads, one thousand nine hundred dollars; dredging channel and basin, two thousand eight hundred and sixteen dollars and seventy-two cents; increase of heating and lighting plant, to complete, fourteen thousand five hundred dollars; walks at detention barracks, two thousand dollars; water-closets, one thousand five hundred dollars; for bakery and cold-storage plant, to complete, twenty-three thousand five hundred dollars; repairs to Barracks "C," three thousand four hundred dollars; improvements in rifle galleries and ranges, one thousand five hundred and fifty dollars; paving and grading peninsula, four thousand five hundred dollars; enlarging boathouse, seven thousand four hundred and fifty dollars; improvements

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to assembly, lecture, and reading room, thirteen thousand one hundred dollars; fire-alarm system, three thousand five hundred dollars; in all, naval training station, Rhode Island, seventy-nine thousand seven hundred and sixteen dollars and seventy-two cents.

NAVAL TRAINING STATION, GREAT LAKES, BUILDINGS: Roads, sidewalks, inner basin sea wall, entrance piers and dredging, arch bridge, wagon bridge to power house, walls and fences, garbage crematory, and grading, three hundred and fourteen thousand dollars; railroad scales, scale house, and spur, nine thousand two hundred dollars; electric fixtures, interior and exterior arcs, and incandescent lamps, thirty-three thousand five hundred dollars; cooking equipment, disinfecting equipment, and cold-storage installation, ten thousand dollars; fire apparatus, four thousand one hundred and fifty dollars; elevators and dumb waiter, six thousand four hundred and fifty dollars; storage balconies and trolleys in boathouse, eleven thousand five hundred dollars; tower clock, electric clocks, and wiring, one thousand six hundred dollars; furniture, filing apparatus, shelving, cupboards, fittings, lockers, and interior equipment for buildings, twenty-three thousand dollars. Great Lakes.

In all, to complete naval training station, Great Lakes, four hundred and thirteen thousand four hundred dollars.

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PUBLIC WORKS, BUREAU OF ORDNANCE.

NAVAL PROVING GROUND, INDIAN HEAD, MARYLAND: Blacksmith and pipe shop, three thousand six hundred and twenty-five dollars; lime and cement shed, four thousand five hundred dollars; new emplacement, twelve-inch gun, two new steel circles and vamping ten-inch emplacement, sixteen thousand dollars; railroad extensions, eight thousand dollars; in all, naval proving ground, Indian Head, thirty-two thousand one hundred and twenty-five dollars. Improvements, naval magazines, etc. Indian Head.

Naval magazine, Fort Mifflin, Pennsylvania: Storehouse and offices, with railroad track through center of building and continuation of railroad trestle to connect therewith, thirty thousand dollars; powder magazine, with railroad track connections, fifteen thousand dollars; in all, forty-five thousand dollars. Fort Mifflin.

Naval magazine, Mare Island, California: One office building, including permanent furnishings and fixtures, eight thousand dollars; two filling houses, two thousand dollars; extension of sewerage system through magazine grounds, one thousand five hundred dollars; in all, eleven thousand five hundred dollars. Mare Island.

Naval magazine, New York Harbor: For naval magazine, New York Harbor (Iona Island): One ammunition Iona Island.

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house, twenty thousand dollars; extension of sewerage system, five thousand dollars; condenser in boiler room of power house, three thousand dollars; in all, twenty-eight thousand dollars.

Puget Sound. For naval magazine, navy-yard, Puget Sound, Washington: One gib crane on magazine wharf, one thousand dollars; telephone line from navy-yard to magazine, one thousand two hundred and fifty dollars; watchman's clock system at magazine, two thousand dollars.

In all, four thousand two hundred and fifty dollars.

Newport. Naval torpedo station, Newport, Rhode Island: New water main, two thousand three hundred dollars; converting one of powder factory buildings into brass foundry, five thousand three hundred dollars; repairing and extending wharves, eight thousand eight hundred dollars; new sewerage and drainage system, two thousand seven hundred dollars; coal shed and coal-handling apparatus, including elevated car tracks, elevator, fourteen thousand dollars; repairs to sea walls, six thousand four hundred dollars; in all, thirty-nine thousand five hundred dollars.

Lake Denmark. Naval magazine, Lake Denmark, New Jersey: One magazine, including necessary clearing, grading, railroad track, water mains, electric lights, hose houses, and watchmen's clocks, twelve thousand five hundred dollars. One high explosive house for storage of explosive "D," including necessary clearing, grading, railroad track, water mains, electric lights, hose houses, and watchmen's clocks, twelve thousand five hundred dollars. Extension of administration building to provide office for general storekeeper, for dispensary, and laboratory for testing powder, three thousand dollars.

In all, twenty-eight thousand dollars.

New England coast. NAVAL MAGAZINE, NEW ENGLAND COAST (HINGHAM, MASSACHUSETTS): Toward the erection of the necessary buildings on ground, the purchase of which is now under negotiation, as authorized by the act approved April twenty-seventh, nineteen hundred and four, for a new naval magazine on the New England coast; also toward inclosing said grounds, grading and filling in, building roads and walks, improvement of the water front, necessary wharves and cranes, railroad tracks and rolling stock for local service, fire and water service, and equipment of the establishment, one hundred thousand dollars.

In all. one hundred thousand dollars.

St. Juliens Creek. NAVAL MAGAZINE, SAINT JULIENS CREEK, VIRGINIA: Gravity blending house for smokeless powder, five thousand dollars; electrical apparatus for lighting magazine grounds, barracks, quarters, and offices; motor for running reforming plant; and a small lathe, eight thousand dollars.

In all, thirteen thousand dollars.

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PUBLIC WORKS UNDER BUREAU OF EQUIPMENT.

NAVAL OBSERVATORY: Grounds and roads: Continuing grading, extending roads and paths, clearing and improving grounds, ten thousand dollars. Naval Observatory.

PUBLIC WORKS UNDER BUREAU OF SUPPLIES AND ACCOUNTS.

NAVAL TRAINING STATION, GREAT LAKES: BUILDING EQUIPMENT: To install cold-storage and refrigerating plant and all necessary equipment, twelve thousand dollars; to fit general storehouse with interior fittings, shelving, scales, and all office and other equipment, four thousand dollars; in all, sixteen thousand dollars. Great Lakes.

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PUBLIC WORKS, MARINE CORPS.

Barracks and quarters, Marine Corps:

To extend the marine barracks, by the erection of a wing thereto, at a cost not to exceed one hundred and fifty thousand dollars, navy-yard, Philadelphia, Pennsylvania, one hundred and fifty thousand dollars. Improvements, marine barracks.

To complete the quartermaster's depot, Philadelphia, Pennsylvania, and the purchase of ground adjoining such depot, twenty-five thousand dollars. Philadelphia.

Toward the completion of the marine garrison, naval station, Pearl Harbor, Territory of Hawaii, one marine barracks, one hundred and thirty-five thousand dollars; and to complete six officers' quarters, fifty thousand dollars; in all, one hundred and eighty-five thousand dollars. Pearl Harbor.

For the purchase of land adjoining the navy-yard, Charleston, South Carolina, as a reservation for the Marine Corps, six thousand five hundred dollars; in all, six thousand five hundred dollars. Charleston.

To complete the marine garrison, navy-yard, Bremerton, Washington, one marine barracks, one hundred and fifty thousand dollars, and for officers' quarters, sixty thousand dollars; in all, two hundred and ten thousand dollars. Bremerton.

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BUREAU OF SUPPLIES AND ACCOUNTS.

PROVISIONS, NAVY: * * * for subsistence of female nurses and Navy and Marine Corps general courts-martial prisoners undergoing imprisonment with sentences of dishonorable discharge from the service at the expiration of such confinement: *Provided*, That the Secretary of the Navy is authorized to commute rations for such general courts-martial prisoners in such amounts as seem to him proper, which may vary in accordance with the location of the naval prison, but which shall in no case exceed thirty cents per diem for each ration so commuted; labor in general storehouses and paymasters' offices in navy-yards, including naval stations maintained in island possessions under the control of the United States, and Subsistence for nurses and general courts-martial prisoners commuted. Prisoners, rations for.

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expenses in handling stores purchased under the naval supply fund; and for the purchase of United States Army emergency rations, as required: * * * *Provided*, That hereafter such stores as the Secretary of the Navy may designate may be procured and sold to officers and enlisted men of the Navy and Marine Corps, also to civilian employees at naval stations beyond the continental limits of the United States and in Alaska, under such regulations as the Secretary of the Navy may prescribe: *Provided* * * * That the sum to be paid * * * for chemists and for clerical, inspection, and messenger service in the general storehouses and paymasters' offices of the navy-yards and naval stations for the fiscal year ending June thirtieth, nineteen hundred and ten, shall not exceed four hundred and forty-seven thousand five hundred and forty-four dollars and eighty-eight cents.

Classified force, pay of.

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BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: * * *.

Repairs to vessels specified.

Provides: "The Secretary of the Navy is hereby authorized to make expenditures from appropriate funds under the various bureaus for repairs and changes on the vessels herein named, in an amount not to exceed the sum specified for each vessel, respectively, as follows: Maine (in addition to the two hundred thousand dollars authorized by the naval appropriation act approved May thirteenth, nineteen hundred and eight), five hundred and twenty thousand dollars; Missouri, five hundred and forty thousand dollars; Ohio, five hundred and forty thousand dollars; Wisconsin, three hundred and eighty thousand dollars; Chattanooga, two hundred and ten thousand dollars; Cleveland, two hundred and ten thousand dollars; Denver, two hundred and ten thousand dollars; Des Moines, two hundred and ten thousand dollars; Galveston, two hundred and ten thousand dollars; Tacoma, two hundred and ten thousand dollars; Concord, one hundred and fifty-two thousand dollars; Yorktown, one hundred and fifty-two thousand dollars; Elcano, thirty-five thousand dollars; Paragua, twenty thousand dollars; Quiros, thirty thousand five hundred dollars; Rodgers, forty-two thousand dollars; Rainbow, one hundred and forty thousand dollars; Supply, one hundred and thirty thousand dollars; Yankee, one hundred and ninety-five thousand dollars; Apache, twenty-one thousand five hundred dollars; Lincoln, six thousand dollars; in all, four million one hundred and sixty-four thousand dollars as per the letters of the Secretary of the Navy, House Documents Numbered Eleven hundred and fifty-two and Thirteen hundred and six, Sixtieth Congress, concerning repairs of certain naval vessels: *And provided further*, That hereafter it shall be the duty of the Secretary of the Navy to report to Congress at the beginning of each regular session thereof, in addition to the report directed to be made in the act of March sec-

Secretary to report amounts expended on ships.

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ond, nineteen hundred and seven, making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and eight, and for other purposes, a detailed statement showing the amount expended from each of the appropriations for the repair of every ship where such repairs exceed for any one ship the sum of two hundred thousand dollars in any one fiscal year: *Provided further*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy, for clerical, drafting, inspection, and messenger service in navy-yards, naval stations, and offices of superintending naval constructors for the fiscal year ending June thirtieth, nineteen hundred and ten, shall not exceed eight hundred and eight thousand and thirty-nine dollars."

Statutory limit.

Classified force, pay of.

* * * * *

BUREAU OF STEAM ENGINEERING.

STEAM MACHINERY: * * *.

Provides for "the machinery of the colliers Vestal and Prometheus, now under construction at the navy-yards, New York and Mare Island, respectively."

Vestal and Prometheus.

* * * * *

Provided, That the sum to be paid out of this appropriation "Steam machinery," under the direction of the Secretary of the Navy, for clerical, drafting, inspection, and messenger service in navy-yards, naval stations, and offices of United States inspectors of machinery, and of engineering material, for the fiscal year ending June thirtieth, nineteen hundred and ten, shall not exceed three hundred and fifty thousand and sixty-three dollars and two cents.

* * * * *

Machinery plants, navy yards.

Machinery plant, navy-yard, Portsmouth, New Hampshire: For additional heavy-power tools for new boiler and machine shops, thirty thousand dollars.

Portsmouth.

Machinery plant, navy-yard, Boston, Massachusetts; For additional tools for foundry, machine, and coppersmith shops, five thousand dollars.

Boston.

Machinery plant, navy-yard, New York, New York: For additional machine tools for copper, boiler, machine, and pattern shops, and foundry, twenty-five thousand dollars.

New York.

Machinery plant, Philadelphia, Pennsylvania: For additional machine tools for machine and boiler shops, twenty-five thousand dollars.

Philadelphia.

Machinery plant, navy-yard, Norfolk, Virginia: For additional machine tools to equip machine, boiler, and coppersmith shops, twenty-five thousand dollars.

Norfolk.

Machinery plant, navy-yard, Mare Island, California: For additional new machine tools for machine and boiler shops and foundry, fifteen thousand dollars.

Mare Island.

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Puget Sound. Machinery plant, navy-yard, Puget Sound, Washington: For additional new machine tools required in repair work of naval vessels, twenty-five thousand dollars.

Cavite. Machinery plant, naval station, Cavite, Philippine Islands: For additional new machine tools, required to facilitate repairs to naval vessels on Asiatic Station, fifteen thousand dollars.

Experimental work. Engineering experiment station, United States Naval Academy, Annapolis, Maryland—Experimental and research work: For original investigation and extended experimentation of naval appliances; and for the purchase of such machines and auxiliaries considered applicable for test and use in the naval service, seventeen thousand four hundred and eighty-eight dollars.

Experiment station. Buildings, engineering experiment station, United States Naval Academy, Annapolis, Maryland: Repairs to wooden bulkhead about experiment station building, one thousand two hundred dollars; extension of wooden bulkhead to surround the ship basin, seven thousand three hundred and seventy dollars; in all, eight thousand five hundred and seventy dollars.

Machinists, promotion of, to chief. The title of warrant machinist is hereby changed to machinist; and all machinists shall, after six years from date of warrant, be commissioned chief machinists, to rank with, but after, ensign, and shall, on promotion, have the same pay and allowances as are allowed chief boatswains, chief gunners, chief carpenters, and chief sailmakers, and no machinist shall be promoted until he shall have passed such examination before a board as the Secretary of the Navy may prescribe, and no warrant officer, heretofore or hereafter promoted six years from date of warrant, shall suffer a reduction in pay which, but for such promotion, would have been received by him: *Provided*, That chief boatswains, chief gunners, and chief machinists shall be eligible for appointment to the grade of ensign under the restrictions imposed by law upon the appointment of boatswains, gunners, and warrant machinists to that grade.

Ensigns, appointment of from warrant officers.

NAVAL ACADEMY.

* * * * *

Memorials. The crypt and window spaces of the United States Naval Academy chapel are to be used only for memorials to United States naval officers who have successfully commanded a fleet or squadron in battle, or who have received or may receive the thanks of the Congress of the United States for conspicuously distinguished services in time of war, and no memorial shall be accepted for or installed in said crypt or window spaces until at least five years after the death of the officer in question: *Provided*, That nothing in this provision shall be considered as invalidating any agreement made by the present or any

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former superintendent of the Naval Academy, authorizing a memorial window in the old Naval Academy chapel to be transferred to the new Naval Academy chapel.

MARINE CORPS.

PAY, MARINE CORPS: * * *: *Provided*, That no part of the appropriations herein made for the Marine Corps shall be expended for the purposes for which said appropriations are made unless officers and enlisted men shall serve as heretofore on board all battle ships and armored cruisers, and also upon such other vessels of the navy as the President may direct, in detachments of not less than eight per centum of the strength of the enlisted men of the navy on said vessels. Marines to serve afloat.

* * * * *

* * *. *Provided*, That hereafter the settlement of all traveling expense claims, where the payment of such is authorized by existing law, and the determination of distances and of what constitutes the shortest usually traveled route in the meaning of laws relating to traveling allowances, shall accord to such rules as the Secretary of the Navy may prescribe. Mileage. Traveling expenses.

* * * * *

CONTINGENT, MARINE CORPS: * * * For * * *, packing and crating officers' allowance of baggage on change of station; * * *: *Provided*, That hereafter extra-duty pay will not be allowed to enlisted men of the Marine Corps except when they are regularly detailed thereon by a written order of the commandant of the corps. Extra-duty pay.

* * * * *

INCREASE OF THE NAVY.

For the purpose of further increasing the naval establishment of the United States, the President is hereby authorized to have constructed two first-class battle ships to cost, exclusive of armor and armament, not exceeding six million dollars each, similar in all essential characteristics to the battle ship authorized by the act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and eight. Two battleships.

Five torpedo-boat destroyers, to have the highest practicable speed, and to cost, exclusive of armament, not to exceed eight hundred thousand dollars each. Five torpedo-boat destroyers.

One fleet collier, of fourteen knots trial speed, when carrying not less than twelve thousand five hundred tons of cargo and bunker coal, to cost not exceeding nine hundred thousand dollars. One collier.

And the contract for the construction of said vessels shall be awarded by the Secretary of the Navy to the lowest best responsible bidder, having in view the best Contract, award of.

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results and most expeditious delivery; and in the construction of all of said vessels the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the naval establishment," as to materials for said vessels, their engines, boilers, and machinery, the contracts under which they are built, the notice of any proposals for the same; the plans, drawings, specifications therefor, and the method of executing said contracts shall be observed and followed, and, subject to the provisions of this act, all said vessels shall be built in compliance with the terms of said act, and in all their parts shall be of domestic manufacture; and the steel material shall be of domestic manufacture, and of the quality and characteristics best adapted to the various purposes for which it may be used, in accordance with specifications approved by the Secretary of the Navy, provided contracts for furnishing the same in a reasonable time, at a reasonable price, and of the required quality can be made with responsible parties, and of the two first-class battle ships provided for in this act, not more than one shall be built by one contracting party.

Four submarines.

For four submarine torpedo boats, in an amount not exceeding in the aggregate two million dollars, and the sum of three million dollars is hereby appropriated toward said purpose and for the completion of submarine boats heretofore authorized: *Provided*, That the Secretary of the Navy may build any or all of the vessels authorized in this act in such navy-yards as he may designate, and shall build any of the vessels herein authorized in such navy-yards as he may designate, should it reasonably appear that the persons, firms, or corporations, or the agents thereof, bidding for the construction of any of said vessels, have entered into any combination, agreement, or understanding, the effect, object, or purpose of which is to deprive the Government of fair, open, and unrestricted competition in letting contracts for the construction of any of said vessels.

One destroyer.

The Secretary of the Navy is hereby authorized, in his discretion, to contract for or purchase one destroyer whose vitals are located below the normal load water line, such vessel to cost not to exceed four hundred thousand dollars and to have a speed not less than twenty-two knots; also two small vessels of similar construction having a speed of not less than sixteen knots and to cost not to exceed twenty-two thousand five hundred dollars each: *Provided*, That before any vessel provided for in this paragraph shall be purchased or contracted for a vessel of similar construction shall have been constructed complete and of full size for naval warfare and submitted to the Navy Department for such trial and tests as the Secretary of the Navy may, in his discretion, prescribe,

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and as the result of such tests be demonstrated to have fulfilled all the reasonable requirements of naval warfare for such a vessel.

CONSTRUCTION AND MACHINERY: On account of hulls and outfits of vessels and steam machinery of vessels heretofore authorized, twenty-two million seven hundred and sixty-six thousand eight hundred and twenty-three dollars: *Provided*, That no part of the above appropriation shall be used for the payment of the construction of any collier the total cost of which shall exceed nine hundred thousand dollars. Construction and machinery

ARMOR AND ARMAMENT: Toward the armor and armament of domestic manufacture for vessels authorized, twelve million four hundred and fifty-two thousand seven hundred and seventy-two dollars: *Provided*, That no part of this appropriation shall be expended for armor for vessels except upon contracts for such armor when awarded by the Secretary of the Navy to the lowest responsible bidders, having in view the best results and most expeditious delivery: *Provided also*, That contracts for furnishing said armor in a reasonable time, at a reasonable price, and of the required quality can be made with responsible parties. Armor and armament.

INCREASE OF THE NAVY, EQUIPMENT: Toward the completion of the equipment outfit of the new vessels authorized, six hundred thousand dollars. Equipment.

Total increase of the navy, thirty-eight million eight hundred and nineteen thousand five hundred and ninety-five dollars.

Provided, That no part of any sum hereby appropriated under "Increase of the navy" shall be used for the payment of any clerical, drafting, inspection, and messenger service, or for pay of any of the other classified force, under the various bureaus of the Navy Department in Washington, District of Columbia. Classified service.

That no part of any sum appropriated by this act shall be used for any expense of the Navy Department at Washington unless specific authority is given by law for such expenditure, except that draftsmen and other technical employees heretofore paid from "Public works" and "Increase of the navy" and employed in the Navy Department at Washington may be continued in employment in the Navy Department at Washington and paid from appropriations "Maintenance," "Construction and repair," "Steam machinery," "Ordnance and ordnance stores," and "Equipment of vessels," respectively.

Approved, March 3, 1909.

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SIXTY-FIRST CONGRESS, SECOND SESSION—JUNE 24, 1910.

[PUBLIC—No. 261.]

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and eleven, and for other purposes.

[Provision is made for the Naval Establishment, and under the headings—]

PAY OF THE NAVY.

* * * * *

The provision of the act approved May thirteenth, nineteen hundred and eight, entitled "An act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and nine," relating to the pay of paymasters' clerks, is hereby amended so as to read as follows:

Paymasters' clerks, pay and retirement of.

"All paymasters' clerks shall, while holding appointment in accordance with law, receive the same pay and allowances and have the same rights of retirement as warrant officers of like length of service in the navy."

Nurse corps, commutation of quarters for.

The Secretary of the Navy is authorized, in his discretion, to allow members of the Nurse Corps (female) of the navy fifteen dollars per month in lieu of quarters when government quarters are not available, and that the accounting officers of the Treasury are hereby authorized and directed to allow in the accounts of disbursing officers of the navy all payments heretofore made by them in accordance with orders of the Secretary of the Navy for commutation of quarters to members of the Nurse Corps (female) of the navy at the rate herein specified.

* * * * *

Accounting system, establishment of.

CONTINGENT, NAVY: * * * *Provided further*, That thirty thousand dollars, or so much thereof as may be necessary of this appropriation, shall be used for the hire of expert accountants for establishing accounting and cost of work offices at navy-yards and stations according to the plan and methods established at the Boston Navy-Yard: *Provided further*, That in fixing the cost of work under the various naval appropriations, the direct and indirect charges incident thereto shall be included in such cost: *And provided further*, That the Bureau of Supplies and Accounts shall keep the money accounts of the naval establishment in such manner as to show such charges and shall report the same annually for the information of Congress, and for no other purposes.

Cost of work, indirect expense incident to.

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Damages from collisions, claims for.

The Secretary of the Navy is hereby authorized to consider, ascertain, adjust and determine the amounts due on all claims for damages, where the amount of the claim does not exceed the sum of five hundred dollars, hereafter occasioned by collision, for which collisions vessels of the navy shall be found to be responsible, and report the amounts so ascertained and determined to be due the claimants to Congress at each session thereof through the Treasury Department for payment as legal claims out of appropriations that may be made by Congress therefor.

Chiefs of bureaus, compensation of and retirement of.

The pay and allowances of chiefs of bureaus of the Navy Department shall be the highest shore-duty pay and allowances of the rear-admiral of the lower nine; and all officers of the navy who are now serving or shall hereafter serve as chief of bureau in the Navy Department and are eligible for retirement after thirty years' service, shall have, while on the active list, the rank, title, and emoluments of a chief of bureau, in the same manner as is already provided by statute law for such officers upon retirement by reason of age or length of service, and such officers, after thirty years' service, shall be entitled to and shall receive new commissions in accordance with the rank and title hereby conferred.

BUREAU OF NAVIGATION.

* * * * *

Enlistment, ages for.

Recruiting: * * * except in cases where * * * certificate is unobtainable, enlistment may be made when the recruiting officer is convinced that oath of applicant as to age is credible; but when it is afterwards found upon evidence satisfactory to the Navy Department that recruit has sworn falsely as to age, and is under eighteen years of age at the time of enlistment, he shall, upon request of either parent, be released from service in the navy, upon payment of full cost of first outfit, unless, in any given case, the Secretary, in his discretion, shall relieve said recruit of such payment.

* * * * *

Prizes, steaming exercises.

Steaming exercises: Prizes, trophies, and badges for excellence in steaming exercises to be awarded to the ships in commission for general efficiency and for economy in coal consumption, under such rules as the Secretary of the Navy may formulate; and for the purpose of classifying, compiling, and publishing the results of the competition, ten thousand dollars.

* * * * *

Beneficiaries, payments to.

Supplemental, Naval Home: To pay beneficiaries for extra duties performed by them at the home from March first to June thirtieth, nineteen hundred and six, in established ratings, one thousand two hundred and five dollars and sixty-six cents; to pay the following-named men for

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services rendered to the home during the second half of March, nineteen hundred and six: John T. Foley, mechanic, fourteen days, at four dollars per diem, fifty-six dollars; Joseph S. Trainer, carpenter, fourteen days, at two dollars and eighty cents per diem, thirty-nine dollars and twenty cents; Alonzo Hersh, plasterer, five days, at two dollars and eighty cents per diem, fourteen dollars; Frank W. Mohler, store laborer, one-half month, at forty dollars per month, twenty dollars.

* * * * *

BUREAU OF ORDNANCE.

* * * * *

NEW BATTERIES FOR SHIPS OF THE NAVY: For new sights for five-inch, six-inch, and seven-inch guns and modifying their mounts, two hundred and forty-five thousand dollars. New batteries.

For lining and hooping to the muzzle eight-inch Mark V guns, sixty thousand dollars.

* * * * *

MODERNIZING TURRETS OF SHIPS OF THE NAVY: For range dials, azimuth drums, new range, time of flight and azimuth scales for all turret pointer's sights of all turret vessels previous to the Michigan class, but excluding the Amphitrite, Miantonomoh, Puritan, Terror, and Texas, sixty-four thousand dollars. Modernizing turrets.

For equipments for turret ammunition hoists and rammers to increase the rapidity, safety, and reliability of the ammunition supply and to increase the efficiency and rapidity of loading the guns of all turret vessels authorized previous to the Michigan class, but excluding the Amphitrite, Miantonomoh, Puritan, Terror, and Texas, five hundred thousand dollars.

* * * * *

SMALL ARMS AND MACHINE GUNS: For new rifles and machine guns for ships, two hundred and fifty thousand dollars. Rifles and machine guns.

Remodeling torpedoes, one hundred and fifty thousand dollars. Remodeling torpedoes.

* * * * *

MINES AND MINE APPLIANCES: For naval-defense mines, appliances, and accessories for mine ships, one hundred thousand dollars. Mines.

TORPEDO STATION, NEWPORT, RHODE ISLAND: * * *.

For high-pressure air plant, including air compressors and air storage, ten thousand dollars. High-pressure air plant.

EXPERIMENTS, BUREAU OF ORDNANCE: * * * *Provided*, That no part of this appropriation shall be expended in experiments unless, in the development of armor-piercing projectiles and high explosives, an attack Armor-piercing projectiles.

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on heavy turret armor and heavy belt armor is made by armor-piercing projectiles at a battle range not less than eight thousand yards and by explosive gelatine in quantity not less than two hundred pounds exploded against the heavy belt armor and heavy turret armor of an actual vessel.

* * * * *

BUREAU OF EQUIPMENT.

EQUIPMENT OF VESSELS: * * *.

Naval equipment, loan of, to military schools.

That the act entitled "An act to authorize the Secretary of the Navy to loan naval equipment to certain military schools," approved March third, nineteen hundred and one, be amended by striking out the words "one hundred and forty cadets" and inserting in lieu thereof the words "seventy-five cadets over fifteen years of age."

Water

COAL AND TRANSPORTATION: * * * For water for all purposes on board naval vessels, including the expenses of transportation and storage of the same, * * *.

Bureau of Equipment, distribution of duties.

DISTRIBUTION OF DUTIES: The duties assigned by law to the Bureau of Equipment shall be distributed among the other bureaus and offices of the Navy Department in such manner as the Secretary of the Navy shall consider expedient and proper during the fiscal year ending June thirtieth, nineteen hundred and eleven, and the Secretary of the Navy, with the approval of the President, is hereby authorized and directed to assign and transfer to said other bureaus and offices, respectively, all available funds heretofore and hereby appropriated for the Bureau of Equipment and such civil employees of the bureau as are authorized by law, and when such distribution of duties, funds, and employees shall have been completed, the Bureau of Equipment shall be discontinued as hereinbefore provided: *Provided*, That nothing herein shall be so construed as to authorize the expenditure of any appropriation for purposes other than those specifically provided by the terms of the appropriations, or the submission of estimates for the naval establishment for the fiscal year nineteen hundred and twelve, except in accordance with the order and arrangement of the naval appropriation act for the year nineteen hundred and ten: *Provided further*, That the Secretary of the Navy shall report to Congress at the beginning of its next ensuing session the distribution of the duties of the Bureau of Equipment made by him under the authorization herein granted, with full statement in relation to said distribution and the performance of navy-yard work therein involved: *And provided further*, That line officers may be detailed for duty under staff officers in the manufacturing and repair departments of the navy-yards and naval stations, and all laws or parts of laws in conflict herewith are hereby repealed.

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PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

NAVY-YARD, PORTSMOUTH, NEW HAMPSHIRE: Quay wall, to continue, forty-eight thousand two hundred and fifty dollars. Portsmouth.

To repair the old highway bridge connecting the navy-yard with the mainland, seven thousand dollars, or so much thereof as may be necessary.

NAVY-YARD, BOSTON, MASSACHUSETTS: Dredging, five thousand dollars; improvements to water front, sixty-five thousand dollars; improvements to yard buildings, fifteen thousand dollars; railroad extension, ten thousand dollars; paving and grading, ten thousand dollars; in all, navy-yard, Boston, one hundred and five thousand dollars. Boston.

NAVY-YARD, NEW YORK, NEW YORK: Dry dock numbered four (limit of cost is hereby increased to two million five hundred thousand dollars), to continue, five hundred thousand dollars; improvement of water front, two hundred and fifteen thousand dollars; to complete cement shed, one thousand dollars; in all, navy-yard, New York, New York, seven hundred and sixteen thousand dollars. New York.

NAVY-YARD, PHILADELPHIA, PENNSYLVANIA: Dredging, to complete, two hundred and fifty thousand dollars; in all, navy-yard, Philadelphia, two hundred and fifteen thousand dollars. Philadelphia.

NAVY-YARD, WASHINGTON, DISTRICT OF COLUMBIA: Dredging, ten thousand dollars. Washington, D. C.

The Secretary of the Navy is hereby authorized and directed to enter into an agreement with the Philadelphia, Baltimore and Washington Railroad Company, for the construction, maintenance and operation, by and at the sole expense of said company, of a sufficient and satisfactory track connection, with such turn-outs and sidings as may be deemed necessary or convenient, to be established and operated from a point on the main running tracks of said Philadelphia, Baltimore and Washington Railroad Company at or in the general vicinity of square south of square one thousand and eighty in the District of Columbia and extending generally along the water front of the Anacostia River at such distance north of the present north bulkhead line of said river as the Commissioners of the District of Columbia may indicate and approve, to a connection with the track system of the United States navy-yard, at or in the vicinity of the east line of Ninth Street, southeast, as said system is now or may be hereafter established: *Provided*, That such track connection, so far as the same may project or extend beyond the right of way or property now owned or occupied by said railroad company, shall be constructed wholly upon a suitable and satisfactory right of way to be provided for such purposes by the United States, the Railroad track connection.

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title to which shall at all times remain in the United States: *Provided further*, That, so far as may be consistent with the public interests, said track connection with its appurtenant turn-outs and sidings shall be located and constructed in, upon, over and through public grounds, space and streets of the United States, as the same are now, or may be hereafter, ascertained and established.

Upon the execution of the agreement above provided for, the Secretary of the Navy is hereby authorized and directed to acquire any part of the land or property necessary for yardage or right of way, by purchase or condemnation, and to construct the connections, sidetracks, turn-outs and switches necessary to the proper operation of the yard system in connection with said branch track, and for such purpose the sum of one hundred and thirty-six thousand dollars, or so much thereof as may be necessary, is hereby appropriated out of any money in the Treasury of the United States not otherwise appropriated.

The work of constructing the track connection between the points above specified shall be begun by the Philadelphia, Baltimore and Washington Railroad Company within two months after the right of way necessary therefor shall have been acquired and provided, and the track connection shall be completed and put in operation within fifteen months from the beginning of its construction, provided that said Philadelphia, Baltimore and Washington Railroad Company shall not be required to expend in the construction of said track connection any sum in excess of ninety-two thousand five hundred dollars, being the present estimated cost of such construction.

Pending the completion of the track connection above provided for, the Philadelphia, Baltimore and Washington Railroad Company is hereby authorized to maintain its track connection with the United States navy-yard as at present existing, and to continue the operation thereof under such rules and regulations as may be established by the Commissioners of the District of Columbia for the governance thereof, provided that within thirty days after the completion of the new track connection with the United States navy-yard, hereinbefore authorized and provided for, said Philadelphia, Baltimore and Washington Railroad Company shall, at its own expense, remove said existing track connection and restore and make the surface of the streets over and through which the same is laid satisfactory to the Commissioners of the District of Columbia: *Provided further*, That Congress reserves the right to alter, amend, or repeal this act.

Norfolk.

NAVY-YARD, NORFOLK, VIRGINIA: Railroad tracks, extensions, ten thousand dollars; electric-light plant, extensions, twenty-five thousand dollars; repairs, buildings,

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Saint Helena, twenty-five thousand dollars; dredging, to continue, twenty-five thousand dollars; compressed-air system, extensions, ten thousand dollars; improvements to water front, one hundred thousand dollars; to enlarge dry dock numbered three, five hundred and fifty thousand dollars; crane track around dry dock numbered three, to continue, twenty thousand dollars; paving and grading, thirty thousand dollars; power plant, coal storage, twenty-five thousand dollars; electric motors for pumping plants, dry docks one and two, thirty-five thousand dollars; water-closets and lavatories in yard shops, twenty-five thousand dollars; heating system, extension, fifteen thousand dollars; in all, navy-yard, Norfolk, Virginia, eight hundred and ninety-five thousand dollars.

Pensacola.

NAVY-YARD, PENSACOLA, FLORIDA: For elevator for building numbered one (to complete), two thousand dollars.

New Orleans.

NAVAL STATION, NEW ORLEANS, LOUISIANA: For power house and plant, sixty-four thousand six hundred and seventy-seven dollars and seventy-one cents, previously appropriated and erroneously transferred to the appropriation "Consolidation of power plants."

Mare Island.

NAVY-YARD, MARE ISLAND, CALIFORNIA: To continue improvement of channel, one hundred thousand dollars; in all, navy-yard, Mare Island, one hundred thousand dollars.

For purchase of a shed belonging to the dry dock contractors, navy-yard, Mare Island, California, two thousand dollars.

Puget Sound.

NAVY-YARD, PUGET SOUND, WASHINGTON: Dry dock (limit of cost is hereby increased to two million three hundred thousand dollars), to continue, six hundred thousand dollars; storehouse, to complete, one hundred and sixty thousand dollars; foundry, to complete, one hundred and twenty-five thousand dollars; in all, navy-yard, Puget Sound, Washington, eight hundred and eighty-five thousand dollars.

Pearl Harbor.

NAVAL STATION, PEARL HARBOR, HAWAII: Dredging, one million five hundred thousand dollars; dry dock (limit of cost is hereby increased to two million seven hundred thousand dollars), to continue, one million dollars; in all, two million five hundred thousand dollars.

The Secretary of the Navy is hereby authorized to utilize toward yard development of the naval station, Pearl Harbor, Hawaii, the sum of thirty-five thousand dollars appropriated by the act of June twenty-ninth, nineteen hundred and six, for the reclamation of that portion of the naval station, Honolulu, Hawaii, known as "The Reef."

FLOATING CRANE: One one-hundred-ton floating crane (to cost not exceeding two hundred and fifty thousand dollars), one hundred and twenty-five thousand dollars, for use at Pearl Harbor, Hawaii.

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PUBLIC WORKS UNDER THE SECRETARY OF THE NAVY.

Naval Academy. BUILDINGS AND GROUNDS, NAVAL ACADEMY: For one wooden pier with creosoted piles, forty thousand dollars.

For transfer of power plant from temporary location to new building; provide new equipment when necessary; connect heating, lighting, and other mains to new power house; complete grading about building; repair coal-handling apparatus, one hundred and eight thousand two hundred dollars.

Guam. BUILDINGS FOR LEPERS, ISLAND OF GUAM: Naval station, island of Guam: Maintenance and care of lepers and other special patients, fourteen thousand dollars; in all, fourteen thousand dollars.

Naval trial course. For the purchase of land in the vicinity of the naval trial course, Monroe Island, Penobscot Bay, Maine, for the establishment of permanent signals to mark each end of the measured course, three thousand four hundred dollars.

Total public works under Secretary's office, one hundred and sixty-five thousand six hundred dollars.

PUBLIC WORKS UNDER BUREAU OF NAVIGATION.

Improvements, naval training station, Rhode Island. NAVAL TRAINING STATION, RHODE ISLAND, BUILDINGS: Repairs to Barracks "C," to continue, two thousand dollars; repairs to Barracks "B," five thousand dollars; underground conduit system, to continue, nine thousand three hundred dollars; in all, naval training station, Rhode Island, sixteen thousand three hundred dollars.

In all, public works, Bureau of Navigation, sixteen thousand three hundred dollars.

PUBLIC WORKS, BUREAU OF ORDNANCE.

Improvements, naval magazines. Indian Head. NAVAL PROVING GROUND, INDIAN HEAD, MARYLAND: One additional emplacement for new Mark twelve-inch or fourteen-inch guns, ten thousand dollars; in all, naval proving ground, Indian Head, ten thousand dollars.

Fort Mifflin. Naval magazine, Fort Mifflin, Pennsylvania: Electric connection to navy-yard, Philadelphia, Pennsylvania, with transformer, street lamps, connections to buildings, and wiring quarters for electric lights, eight thousand five hundred dollars.

Mare Island. Naval magazine, Mare Island, California: Salt-water system for fire protection, eight thousand dollars; lightning rods for all buildings not equipped with same, six hundred dollars; in all, eight thousand six hundred dollars.

Puget Sound. For naval magazine, navy-yard, Puget Sound, Washington: One magazine building, seven thousand dollars; one filling house, one thousand one hundred dollars; one small arms ammunition house, seven thousand dollars;

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one latrine for workmen, five hundred dollars; fire-protection system, to include installation of sprinkling system in buildings already constructed and under construction, three thousand dollars; sewerage system for all inhabited buildings and for workmen's latrine, three thousand dollars; in all, twenty-one thousand six hundred dollars.

Improvements, torpedo station, Newport.

Naval torpedo station, Newport, Rhode Island: One general storehouse for the stowage of materials for manufacturing purposes and uses of the station, fifty thousand dollars; three latrines, two thousand one hundred dollars; electric conduits, wires and fittings, for lighting, telephone, and watchmen clock systems of the station, cable to Rose Island and extra cable to Newport, five thousand dollars; in all, fifty-seven thousand one hundred dollars.

Establishment of torpedo station, Pacific coast.

PACIFIC COAST TORPEDO STATION: For torpedo station, near Pacific coast of the United States: For the purchase of land for a torpedo station near the Pacific coast of the United States; and toward the clearing and grading of the land; protection to water front; wharf; firing and observation stations; with all necessary buildings and equipment for the station; and the employment of such clerical and expert assistance as may be required for the prosecution of the work, one hundred and forty-five thousand dollars.

Naval magazine, Olongapo.

NAVAL MAGAZINE, OLONGAPO, PHILIPPINE ISLANDS: For naval magazine, Olongapo, Philippine Islands: One storehouse, one magazine, and one fuse house, eight thousand eight hundred dollars.

Total public works, under Bureau of Ordnance, two hundred and fifty-nine thousand six hundred dollars.

PUBLIC WORKS UNDER BUREAU OF EQUIPMENT.

Naval Observatory.

NAVAL OBSERVATORY: Grounds and roads: Continuing grading, extending roads and paths, clearing and improving grounds, ten thousand dollars.

PUBLIC WORKS UNDER BUREAU OF MEDICINE AND SURGERY.

Naval hospital, Great Lakes.

NAVAL HOSPITAL, GREAT LAKES: For the completion of naval hospital buildings, to cost not to exceed two hundred and fifty thousand dollars, as authorized by the act of Congress approved May thirteenth, nineteen hundred and eight, one hundred and fifty thousand dollars.

Total public works under Bureau of Medicine and Surgery, one hundred and fifty thousand dollars.

PUBLIC WORKS, MARINE CORPS.

Barracks and quarters, improvements to.

Philadelphia.

Barracks and quarters, Marine Corps:

For the extension of marine officers' quarters and the improvement of ground, navy-yard, Philadelphia, Pennsylvania, seventy thousand dollars.

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Norfolk. For the extension of marine officers' quarters, navy-yard, Norfolk, Virginia, forty-seven thousand five hundred dollars.

In all, public works, Marine Corps, one hundred and seventeen thousand five hundred dollars: *Provided*, That no part of said sum shall be expended for the construction of quarters for marine officers the total cost of which, exclusive of cost of piling and including the heating and plumbing apparatus, wiring, and fixtures, shall exceed in the case of quarters of a general officer the sum of fifteen thousand dollars; of a colonel or an officer above the rank of captain, twelve thousand dollars; and of an officer of and below the rank of captain, nine thousand dollars.

* * * * *

BUREAU OF SUPPLIES AND ACCOUNTS.

Ships' stores, profit on sales from. PROVISIONS, NAVY: * * * *Provided*, That hereafter a profit not to exceed fifteen per centum may be charged on sales from ships' stores, such profit to be expended in the discretion of the Secretary of the Navy, under such regulations as he may prescribe, for the amusement, comfort, and contentment of the enlisted force, and to be accounted for to the Bureau of Supplies and Accounts, Navy Department: * * *

BUREAU OF CONSTRUCTION AND REPAIR.

Repairs to ships (named). CONSTRUCTION AND REPAIR OF VESSELS: * * * And the Secretary of the Navy is hereby authorized to make expenditures from appropriate funds under the various bureaus for repairs and changes on the vessels herein named, in an amount not to exceed the sum specified for each vessel, respectively, as follows: New Jersey, eight hundred and ten thousand dollars; Rhode Island, eight hundred and ten thousand dollars; Brooklyn (additional to four hundred and fifty-three thousand five hundred dollars, authorized by the appropriation act approved May thirteenth, nineteen hundred and eight), seventy thousand dollars; Colorado, six hundred and eighty thousand dollars; Maryland, six hundred and thirty thousand dollars; Pennsylvania, six hundred and eighty thousand dollars; West Virginia, six hundred and thirty thousand dollars; Boston, two hundred and fifty-six thousand dollars; Charleston, five hundred and forty thousand dollars; San Francisco (additional to six hundred thousand two hundred and fifty dollars, authorized by the appropriation act approved May thirteenth, nineteen hundred and eight), forty thousand dollars; Detroit, three hundred and fifty-one thousand dollars; Iris, two hundred and five thousand dollars; Annapolis, one hundred and one thousand dollars; Arayat, thirty-four thousand five hundred dollars; Iroquois, fifty-one thousand five hun-

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dred dollars; Potomac, forty-one thousand five hundred dollars; Sebago, twenty-eight thousand five hundred dollars; Waban, twenty-seven thousand five hundred dollars; Nero, one hundred and five thousand dollars; Ingalls, one hundred and sixty-five thousand dollars; Essex, sixty thousand dollars; Gopher, twenty-eight thousand dollars; in all, six million three hundred and forty-four thousand five hundred dollars, as per the letter of the Secretary of the Navy, contained in House Document Numbered Four hundred and seventy-one, Sixty-first Congress, second session, concerning repairs to certain naval vessels: * * *.

BUREAU OF STEAM ENGINEERING.

STEAM MACHINERY: * * *.

Provides "For pay of classified force under the bureau, * * *."

So much of the appropriation made by the naval appropriation act approved March third, nineteen hundred and three, for the complete equipment of the buildings at the engineering experiment station, United States Naval Academy, Annapolis, Maryland, as has been carried to the surplus fund and covered into the Treasury pursuant to section ten of the sundry civil appropriation act approved March fourth, nineteen hundred and nine, is hereby reappropriated for the equipment of said building. Experiment station, Annapolis.

Buildings, engineering experiment station, United States Naval Academy, Annapolis, Maryland: Dredging in basin and coal dock, five thousand dollars. Basin and coal dock.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: One professor as head of the department of physics, three thousand six hundred dollars. Organization and pay of professors and instructors, classified service.

One professor of mathematics, one of mechanical drawing, one of English, one of French, and one of Spanish, at three thousand dollars each.

Three professors, namely, one of English, one of French, and one of Spanish, at two thousand six hundred and forty dollars each.

Five instructors, at two thousand four hundred dollars each.

Four instructors, at two thousand one hundred and sixty dollars each.

Ten instructors, at one thousand eight hundred dollars each.

One swordmaster, one thousand five hundred dollars; one assistant, one thousand two hundred dollars; and two assistants, at one thousand dollars each, four thousand seven hundred dollars; two instructors in physical train-

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ing, at one thousand five hundred dollars each, and one assistant instructor in physical training, at one thousand dollars; and one instructor in gymnastics, one thousand two hundred dollars, five thousand two hundred dollars; one assistant librarian, two thousand one hundred and sixty dollars; one cataloguer, one thousand one hundred dollars; and two shelf assistants, at nine hundred dollars each, five thousand and sixty dollars; one secretary of the Naval Academy, one thousand eight hundred dollars; one clerk, one thousand four hundred and forty dollars; five clerks, at one thousand two hundred dollars each; four clerks, at one thousand dollars each; four clerks, at nine hundred dollars each; and two writers, at seven hundred and twenty dollars each; eighteen thousand two hundred and eighty dollars; one draftsman, one thousand two hundred dollars; and one surveyor, one thousand two hundred dollars, two thousand four hundred dollars; one dentist, two thousand five hundred and twenty dollars; and services of organist at chapel, three hundred dollars; one captain of the watch, nine hundred and twenty-four dollars; one second captain of the watch, eight hundred and twenty-eight dollars; and twenty-two watchmen, at seven hundred and thirty-two dollars each, seventeen thousand eight hundred and fifty-six dollars.

DEPARTMENT OF ORDNANCE AND GUNNERY: One mechanic, nine hundred and sixty dollars, and one at seven hundred and fifty dollars; one armorer, six hundred and sixty dollars; one chief gunner's mate, five hundred and forty dollars; and three quarter gunners, at four hundred and eighty dollars each, four thousand three hundred and fifty dollars.

DEPARTMENTS OF ELECTRICAL ENGINEERING AND PHYSICS: Two electrical machinists, at one thousand dollars each; one mechanic, seven hundred and thirty dollars; and one at seven hundred and twenty dollars, three thousand four hundred and fifty dollars.

DEPARTMENT OF SEAMANSHIP: One coxswain, four hundred and eighty dollars; three seamen, at four hundred and twenty dollars each, one thousand seven hundred and forty dollars.

DEPARTMENT OF MARINE ENGINEERING AND NAVAL CONSTRUCTION: One master machinist, one thousand eight hundred dollars, and one assistant, one thousand two hundred dollars; one pattern maker, one thousand two hundred dollars; one boiler maker, one blacksmith, three machinists, one molder, and one coppersmith, at one thousand and eighty dollars each; and for draftsman, two thousand dollars; machinists, and other employees, six thousand seven hundred and sixty-eight dollars, twenty thousand five hundred and twenty-eight dollars.

COMMISSARY DEPARTMENT: One chief cook, one thousand two hundred dollars; four cooks, at six hundred dollars each, and eight assistants, at three hundred dol-

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lars each; one steward, one thousand two hundred dollars, and one assistant, six hundred dollars; one head waiter, seven hundred and twenty dollars, and two assistants, at four hundred and eighty dollars each; two pantry men, at four hundred and twenty dollars each; one chief baker, one thousand two hundred dollars; one baker, six hundred dollars; two assistants, at five hundred and forty dollars each, and one assistant, four hundred and twenty dollars; necessary waiters, at sixteen dollars per month each, thirteen thousand four hundred and forty dollars, twenty-seven thousand and sixty dollars; one messenger to the superintendent, six hundred dollars, and twenty-five attendants, at three hundred dollars each, eight thousand one hundred dollars; in all, thirty-five thousand one hundred and sixty dollars.

In all, civil establishment, one hundred and eighty-six thousand seven hundred and four dollars.

Current expenses.

CURRENT AND MISCELLANEOUS EXPENSES, NAVAL ACADEMY: Text and reference books for use of instructors; stationery, blank books and forms, models, maps, and periodicals; apparatus and materials for instruction in physical training and athletics; expenses of lectures, including pay and expenses of lecturer; chemicals, philosophical apparatus and instruments, stores, machinery, tools, fittings, apparatus, and materials for instruction purposes, thirty-eight thousand five hundred dollars.

Purchase, binding, and repair of books for the library (to be purchased in the open market on the written order of the superintendent), two thousand dollars.

Board of visitors.

Expenses of the Board of Visitors of the Naval Academy, being mileage and five dollars per diem for each member for expenses during actual attendance at the academy, and for clerk hire, carriages, and other incidental and necessary expenses of the board, two thousand dollars.

Contingencies.

For contingencies for the superintendent of the academy, to be expended in his discretion, two thousand dollars.

In all, current and miscellaneous expenses, forty-four thousand five hundred dollars.

Maintenance.

MAINTENANCE, NAVAL ACADEMY: For general maintenance at the Naval Academy, namely: For books, periodicals, maps, models, and drawings; purchase and repair of fire engines; fire apparatus and plants; machinery; purchase and maintenance of all horses and vehicles for use at the academy; seeds and plants; tools and repairs of the same; stationery; furniture for government buildings and offices at the academy; coal and other fuel; candles, oil, and gas; attendance on light and power plants; cleaning and clearing up station and care of buildings; attendance on fires, lights, fire engines, fire apparatus, and plants, and telephone, telegraph, and clock systems; incidental labor; advertising; water tax,

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postage, telephones, telegrams, tolls, and ferriage; flags and awnings; packing boxes; fuel for heating and lighting bandsmen's quarters; pay of inspectors and draftsmen; music, musical and astronomical instruments; and for the pay of employees on leave, two hundred and ten thousand dollars.

Bandsmen, buildings for.

Rent of buildings for the use of the academy and commutation of rent for bandsmen at eight dollars per month each, two thousand nine hundred and sixty-four dollars.

Repairs.

REPAIRS, NAVAL ACADEMY: Necessary repairs of public buildings, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, furniture, and fixtures, sixty-five thousand dollars.

In all, maintenance, two hundred and seventy-seven thousand nine hundred and sixty-four dollars.

In all, Naval Academy, five hundred and nine thousand one hundred and sixty-eight dollars.

MARINE CORPS.

PAY, MARINE CORPS: * * *.

PAY OF CIVIL FORCE: * * *.

Assistant paymasters, clerks for.

For each assistant paymaster, one clerk who shall hereafter be available where his services are required and who shall receive the same pay, allowances, and other benefits as are now or may hereafter be provided for paymaster's clerks of corresponding length of service in the United States Army (five clerks in all), seven thousand dollars.

* * * * *

School of application.

MILITARY STORES, MARINE CORPS: * * * For the purchase of one site at a cost not to exceed two thousand dolllars; * * *.

Rifles, purchase of.

For the purchase of Springfield rifles from the United States Army, fifty thousand dollars.

* * * * *

INCREASE OF THE NAVY.

Two battleships.

That, for the purpose of further increasing the naval establishment of the United States, the President is hereby authorized to have constructed two first-class battle ships to cost, exclusive of armor and armament, not exceeding six million dollars each, similar to the battle ship authorized by the act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and nine.

Two colliers.

Two fleet colliers of fourteen knots trial speed, when carrying not less than twelve thousand five hundred tons of cargo and bunker coal, to cost not exceeding one million dollars each.

And the contract for the construction of said vessels shall contain a provision requiring said vessels to be built in accordance with the provisions of an act entitled "An

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act relating to the limitation of the hours of daily service of laborers and mechanics employed upon the public works of the United States and of the District of Columbia," approved August first, eighteen hundred and ninety-two, and shall be awarded by the Secretary of the Navy to the lowest best responsible bidder, having in view the best results and most expeditious delivery; and in the construction of all of said vessels the provisions of the act of August third, eighteen hundred and eighty-six, entitled "An act to increase the naval establishment," as to materials for said vessels, their engines, boilers, and machinery, the contracts under which they are built, the notice of any proposals for the same; the plans, drawings, specifications therefor, and the method of executing said contracts shall be observed and followed, and, subject to the provisions of this act, except that the Secretary of the Navy may accept, in lieu of an indemnity bond, the deposit by contractors of United States Government or State bonds, under such conditions and in such manner as the Secretary may prescribe, having due regard for the rights and protection of the United States, all said vessels shall be built in compliance with the terms of said act, and in all their parts shall be of domestic manufacture; and the steel materials shall be of domestic manufacture, and of the quality and characteristics best adapted to the various purposes for which it may be used, in accordance with specifications approved by the Secretary of the Navy, provided contracts for furnishing the same in a reasonable time, at a reasonable price, and of the required quality can be made with responsible parties: *Provided*, That not more than one of the battle ships provided for in this act shall be built by the same contracting party: *Provided always*, That one of the battle ships herein authorized shall be constructed in one of the navy-yards.

Four submarines.

For four submarine torpedo boats in an amount not exceeding in the aggregate two million dollars, and the sum of eight hundred thousand dollars is hereby appropriated toward said purpose.

Six torpedo-boat destroyers.

For six torpedo-boat destroyers, to have the highest practicable speed, and to cost in all not to exceed seven hundred and fifty thousand dollars each, and toward the construction of said torpedo-boat destroyers the sum of two million two hundred and twenty-five thousand dollars is hereby appropriated.

The Secretary of the Navy may build any or all of the vessels authorized in this act in such navy-yards as he may designate, and shall build any of the vessels herein authorized in such navy-yards as he may designate, should it reasonably appear that the persons, firms, or corporations, or the agents thereof, bidding for the construction of any of said vessels, have entered into any combination, agreement, or understanding, the effect,

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object, or purpose of which is to deprive the Government of fair, open, and unrestricted competition in letting contracts for the construction of any of said vessels.

Construction and machinery.

CONSTRUCTION AND MACHINERY: On account of hulls and outfits of vessels and steam machinery of vessels heretofore and herein authorized, seventeen million one hundred seventy-five thousand seven hundred and fifty three dollars: *Provided*, That no part of the above appropriation shall be used for the payment of the construction of any collier the total cost of which shall exceed one million dollars.

Submarines.

INCREASE OF THE NAVY; TORPEDO BOATS: On account of submarine torpedo boats, heretofore authorized, eight hundred and fifty-nine thousand nine hundred and seventy-one dollars.

Torpedo boats.

INCREASE OF THE NAVY; TORPEDO BOATS: On account of torpedo vessels whose vitals are located below the normal load water line, upon condition of compliance with the authorization in the act entitled "An act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and ten, and for other purposes," four hundred and forty-five thousand dollars: *Provided*, That the Secretary of the Navy may, in his discretion, expend any part of the amount hereby appropriated, for small vessels of this type having a speed exceeding nineteen knots at a cost not to exceed thirty thousand dollars each: *Provided*, That nothing herein contained shall be construed as mandatory upon the Secretary of the Navy to purchase said vessels.

Colliers, to continue.

INCREASE OF THE NAVY; COLLIERS: On account of two fleet colliers, heretofore authorized, three hundred thousand dollars: *Provided*, That the unexpended balance of the sum of one million five hundred thousand dollars appropriated toward the construction of two fleet colliers authorized by the naval appropriation act approved May thirteenth, nineteen hundred and eight, is hereby reappropriated and made available for the construction of the collier therein designated to be built on the Pacific coast in such government yard as the Secretary of the Navy shall direct: *Provided further*, That the cost of said collier shall not exceed the sum of one million dollars.

Armor and armament.

ARMOR AND ARMAMENT: Toward the armor and armament of domestic manufacture for vessels authorized, eleven million five hundred and sixty-five thousand one hundred and twenty-two dollars: *Provided*, That no part of this appropriation shall be expended for armor for vessels except upon contracts for such armor when awarded by the Secretary of the Navy to the lowest responsible bidders, having in view the best results and most expeditious delivery.

Equipment.

INCREASE OF THE NAVY; EQUIPMENT: Toward the completion of the equipment outfit of the new vessels author-

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ized, three hundred and ninety-nine thousand five hundred dollars.

Total increase of the navy, thirty-three million seven hundred and seventy thousand three hundred and forty-six dollars.

Provided, That no part of any sum hereby appropriated under "Increase of the navy" shall be used for the payment of any clerical, drafting, inspection, and messenger service, or for pay of any of the other classified force, under the various bureaus of the Navy Department in Washington, District of Columbia.

That no part of any sum appropriated by this act shall be used for any expense of the Navy Department at Washington unless specific authority is given by law for such expenditure.

Approved, June 24, 1910.

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SIXTY-FIRST CONGRESS, THIRD SESSION—MARCH 4, 1911.

[PUBLIC—No. 479.]

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and twelve, and for other purposes.

[Provision is made for the Naval Establishment, and under the headings—]

PAY OF THE NAVY

Paymasters' clerks, who entitled to.

Is added: "Pay and allowances prescribed by law of officers on sea duty and other duty; officers on waiting orders; officers on the retired list; clerks to paymasters and not exceeding ten clerks to accounting officers at yards and stations, general storekeepers ashore and afloat not exceeding ten clerks, and receiving ships, and other vessels; two clerks to general inspectors of Pay Corps; one clerk to pay officer in charge of deserters' rolls,[1] * * *."

John M. Hite, relief of.

Provides "That the accounting officers of the Treasury are * * * authorized and directed to open and resettle, upon application, the accounts of volunteer officers of the Navy who served in the War with Spain, and to resettle such accounts in accordance with the decision of the Supreme Court of the United States in the case of the United States against John M. Hite, reported in Two hundred and fourth United States Reports, page three hundred and forty-three."

* * * * *

Partial payments.

CONTINGENT, NAVY: * * * It is "*Provided* * * *, That the Secretary of the Navy be, and he hereby is, authorized, in his discretion, to make partial payments from time to time during the progress of the work under existing contracts and all contracts hereafter made under the Navy Department for public purposes, but not in excess of ninety per centum of the value of work already done; and the contracts hereafter made shall provide for such insurance as the Secretary of the Navy may deem sufficient, and for a lien in favor of the Government, which lien is hereby made paramount to all other liens, upon the articles or thing contracted for on account of all

[1] Amended by act July 21, 1911, Pub. No. 2, to read as follows: "Clerks to paymasters at yards and stations, general storekeepers ashore, and receiving ships, and other vessels; two clerks to general inspectors of the Pay Corps; one clerk to pay officer in charge of deserters' rolls; not exceeding ten clerks to accounting officers at yards and stations; and not exceeding ten clerks to general storekeepers afloat."

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payments so made, provided that partial payments shall not be made under such contracts except where stipulated for and then only in accordance with contract provisions."[1]

Former engineer officers to be additional numbers.

That officers on the active list of the line of the United States Navy who, under authority of law, now perform engineering duty on shore only are hereby made additional to the numbers in the grades in which they are now serving, and shall be carried as additional to the numbers of each grade to which they may hereafter be promoted: *Provided*, That said officers shall be entitled to all the benefits of retirement under existing or future laws equally with other officers of like rank and service.

Officers, retirement of in next higher grade.

Hereafter, if any officer of the United States Navy shall fail in his physical examination for promotion and be found incapacitated for service by reason of physical disability contracted in the line of duty, he shall be retired with the rank to which his seniority entitled him to be promoted.

* * * * *

BUREAU OF NAVIGATION.

* * * * *

Aviation, experiments in.

For experimental work in the development of aviation for naval purposes, twenty-five thousand dollars.

* * * * *

Naval training station, Great Lakes.

NAVAL TRAINING STATION, GREAT LAKES: * * *

For "fire * * * extinguishers; boats and gymnastic implements; models and other articles needed in instruction of apprentice seamen; printing outfit and material, and maintenance of same; * * * repairs to power-plant equipment, distributing mains, tunnel, and conduits; * * * lectures and suitable entertainments for apprentice seamen; * * *."

BUREAU OF ORDNANCE.

* * * * *

Guns, work on.

For fitting new breech mechanisms to three-inch, fifty-caliber, Mark III guns, one hundred thousand dollars.

Modifying breech mechanisms of three-inch, four-inch, five-inch, and six-inch guns, one hundred thousand dollars.

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[1] Repealed Pub. Res. No. 5, Aug. 14, 1911. Reenacted in following modified form, act Aug. 22, 1911:

"That the Secretary of the Navy be, and he hereby is, authorized, in his discretion, to make partial payments from time to time during the progress of the work under existing contracts and all contracts hereafter made under the Navy Department for public purposes, but not in excess of the value of work already done; and the contracts hereafter made shall provide for a lien in favor of the Government, which lien is hereby made paramount to all other liens, upon the articles or thing contracted for on account of all payments so made: *Provided*, That partial payments shall not be made under such contracts except where stipulated for, and then only in accordance with contract provisions."

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For replacing Mark VI six-inch guns with Mark VIII guns, and repairing and modernizing the Mark VI guns for issue, two hundred thousand dollars.

For landing guns and appurtenances, two hundred thousand dollars.

* * * * *

ARMING AND EQUIPPING NAVAL MILITIA: * * * For * * * salaries of the necessary clerical force and office expenses in the Navy Department, at Washington, District of Columbia, * * * *Provided*, That immediately upon the approval of this Act the necessary employees in the Navy Department, at Washington, District of Columbia, may be appointed, and their salaries and office expenses for the remainder of the fiscal year ending June thirtieth, nineteen hundred and eleven, paid from the unexpended balance of appropriations heretofore made for "Arming and equipping Naval Militia." Naval Militia office force.

That the Secretary of the Navy be, and he is hereby, authorized to loan, at his discretion, to the city of Detroit, Michigan, for exhibition in the Detroit Museum of Art, the silver service presented to the United States ship Detroit by the city of Detroit: *Provided*, That should another vessel be hereafter named after the city of Detroit the said silver service shall be returned by the city of Detroit to such vessel: *And provided further*, That no expense shall be caused the United States Government by the delivery of the said service, the same to be delivered at such time and under such conditions as may be agreed upon between the Secretary of the Navy and A. H. Griffith, the director of the Detroit Museum of Art. Detroit. Silver service, loan of.

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BUREAU OF YARDS AND DOCKS.

MAINTENANCE OF YARDS AND DOCKS: * * * *Provided*, * * * That the Secretary of the Navy is authorized, in his discretion, to furnish hereafter, without charge, heat and light for the Young Men's Christian Association buildings in navy yards and stations. Heat and light furnished to Y. M. C. A.

PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

NAVY YARD, PORTSMOUTH, NEW HAMPSHIRE: Combined railway and highway bridge, with approach and appurtenances (cost not to exceed one hundred and twenty-five thousand dollars), one hundred and twenty-five thousand dollars; railroad rolling stock, additional, four thousand dollars; for continuing the extension of the quay wall, one hundred thousand dollars; in all, two hundred and twenty-nine thousand dollars. Portsmouth.

NAVY YARD, BOSTON, MASSACHUSETTS: Dredging, five thousand dollars; toward one hundred and fifty ton Boston.

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floating crane (cost not to exceed three hundred and twenty-five thousand dollars), one hundred and fifty thousand dollars; improvements to water front, fifty thousand dollars; improvements to yard buildings, ten thousand dollars; paving, ten thousand dollars; electrical system, extension, five thousand dollars; one officer's quarters, twelve thousand dollars; improvement of central power plant, twenty thousand dollars; enlargement of Dry Dock Numbered Two, fifteen thousand dollars, to be immediately available; in all, navy yard, Boston, two hundred and seventy-seven thousand dollars.

New York. NAVY YARD, NEW YORK, NEW YORK: Dry Dock Numbered Four, to complete, five hundred and fifty thousand dollars; improvement of water front, to continue, one hundred thousand dollars; bollards and capstans for Dry Dock Numbered Four, forty-two thousand five hundred dollars; crane track and extension of railroad track around Dry Dock Numbered Four, forty-three thousand dollars; supply pipes around Dry Dock Numbered Four, fifteen thousand dollars; paving around Dry Dock Numbered Four, twenty-four thousand dollars; condenser system, forty-five thousand dollars; distributing systems, extensions, fifty thousand dollars; railroad equipment, extensions, five thousand dollars; yard dispensary, extension, four thousand five hundred dollars; in all, navy yard, New York, New York, eight hundred and seventy-nine thousand dollars.

Philadelphia. NAVY YARD, PHILADELPHIA, PENNSYLVANIA: Rebuilding Pier Numbered Five, seventy-five thousand dollars; reserve basin, extension, fifty thousand dollars; railroad track and equipment, five thousand dollars; sanitation system, reserve basin (to cost not to exceed seventy-five thousand dollars), thirty thousand dollars; in all, navy yard, Philadelphia, one hundred and sixty thousand dollars.

Washington. NAVY YARD, WASHINGTON, DISTRICT OF COLUMBIA: Dredging, to continue, five thousand dollars; new foundry (cost not to exceed two hundred thousand dollars), one hundred thousand dollars; railroad tracks, extension, two thousand dollars; paving, to continue, two thousand five hundred dollars; in all, one hundred and nine thousand five hundred dollars.

Guantanamo. NAVAL STATION, GUANTANAMO, CUBA: For emergency repair installation, three hundred and seventy-eight thousand five hundred dollars.

Norfolk. NAVY YARD, NORFOLK, VIRGINIA: Railroad tracks, extensions, five thousand dollars; electric-light plant, extensions, twenty-five thousand dollars; repairs, buildings, Saint Helena, twenty-five thousand dollars; dredging, to continue, twenty thousand dollars; compressed-air system, extensions, five thousand dollars; improvements to water front, one hundred thousand dollars; paving and grading, ten thousand dollars; heating system, extension,

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fifteen thousand dollars; sewer system, extensions, six thousand dollars; water system, extension, five thousand dollars, garbage crematory, ten thousand dollars; fire-protection system, extensions, five thousand dollars; renewals and additions to one hundred and twenty-ton floating derrick, five thousand dollars; renewal of Richmonds Dock, twelve thousand dollars; natatorium, Saint Helena, four thousand five hundred dollars; purchase of land and widening of channel, eighty thousand dollars; the sum of twenty thousand dollars appropriated by the Act of June twenty-fourth, nineteen hundred and ten, for crane track around Dry Dock Numbered Three is hereby reappropriated and made available for renewal of locomotive crane tracks; in all, navy yard, Norfolk, Virginia, three hundred and thirty-two thousand five hundred dollars.

Charleston.

NAVY YARD, CHARLESTON, SOUTH CAROLINA: Paving and grading, to continue, five thousand dollars; railroad system, extensions and improvements, five thousand dollars; toward permanently securing deep water at the entrance of the dry dock at the navy yard, sixty thousand dollars; in all, seventy thousand dollars.

Key West.

NAVAL STATION, KEY WEST, FLORIDA: Approach to Pier B, ten thousand dollars; repairs, coal shed and coal conveyers "A," twenty-three thousand dollars; sewers, two thousand dollars; water system, five thousand dollars; machinery house, marine railway, two thousand dollars; repairs and foundations, Shed B, six thousand dollars; to restore dike and fill, nine thousand dollars; quay wall extension, fifty thousand dollars; in all, one hundred and seven thousand dollars.

Mare Island.

NAVY YARD, MARE ISLAND, CALIFORNIA: Improvement of hydraulics, Mare Island straits, and so forth, in accordance with the report submitted in House Document Numbered Eleven hundred and three, Sixtieth Congress, second session, three hundred thousand dollars: *Provided*, That the Secretary of the Navy may enter into a contract or contracts for such materials and work as may be necessary to complete the project, to be paid for as appropriations may, from time to time, be made by law, not to exceed in the aggregate five hundred and seven thousand dollars; grading and paving, fifteen thousand dollars; railway system, extensions, ten thousand dollars; water system, extensions, five thousand dollars; electric plant, extensions, five thousand dollars; pneumatic system, extensions, five thousand dollars; improvement of Quarters "I," five thousand dollars; in all, three hundred and forty-five thousand dollars.

Puget Sound.

NAVY YARD, PUGET SOUND, WASHINGTON: Dry dock, to to complete, nine hundred thousand dollars; Pier Six, renewals and improvements, twenty-five thousand dollars; heating system, renewals and extensions, ten thousand dollars; water-closets for yard workmen, twelve thousand dollars; paving and walks to commence, ten

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thousand dollars; garbage incinerator, six thousand dollars; railroad equipment and extension, five thousand dollars; fresh-water system, extensions, five thousand dollars; fire-protection system, extensions, ten thousand dollars; dredging, five thousand dollars; walk on Burwell Avenue, one thousand dollars; in all, navy yard, Puget Sound, Washington, nine hundred and eighty-nine thousand dollars.

Pearl Harbor.

NAVAL STATION, PEARL HARBOR, HAWAII: Dredging channel, to complete, five hundred and forty-five thousand dollars; dry dock, to continue, eight hundred thousand dollars; administration building, fifty thousand dollars; power plant, two hundred and fifty thousand dollars; six officers' quarters, sixty-nine thousand dollars; fresh-water system, twenty-three thousand dollars; foundry, seventy-five thousand dollars; forge shop, fifty thousand dollars; combined ship fitters, metal workers, and boiler shop, one hundred and twenty thousand dollars; pipe and plumber shop, thirty-five thousand dollars; combined wood-working shop, seventy thousand dollars; water-front development, one hundred thousand dollars; naval hospital (total cost not to exceed three hundred thousand dollars), including surgeon's quarters (cost not to exceed twenty-one thousand dollars), quarters for female nurses (cost not to exceed ten thousand dollars), stables (cost not to exceed five thousand dollars); improvement of grounds (cost not to exceed fifteen thousand dollars), seventy-five thousand dollars; in all, two million two hundred and sixty-two thousand dollars.

The capacity of the one hundred and ten ton floating crane authorized by the act of June twenty-fourth, nineteen hundred and ten, for use of Pearl Harbor, is hereby increased to one hundred and fifty tons capacity, and the limit of cost is hereby increased to three hundred and thirty-five thousand dollars.

Guam.

NAVAL STATION, ISLAND OF GUAM: Sewer system, fifteen thousand dollars; extension of naval station roads, ten thousand dollars; coal shed, Piti, one thousand dollars; wharf, Piti, three thousand dollars; ice plant, three thousand dollars; in all, thirty-two thousand dollars.

Tutuila.

NAVAL STATION, TUTUILA, SAMOA: For the purchase of five and eleven-hundredths acres of land, more or less, at Steps Point, owned by natives, on which are located range lights, three hundred dollars.

Naval Academy.

BUILDINGS AND GROUNDS, NAVAL ACADEMY: For a new draw bridge across Dorsey Creek, twenty-five thousand dollars.

Naval training station, Rhode Island, buildings.

NAVAL TRAINING STATION, RHODE ISLAND, BUILDINGS: Repairs to Barracks "C," two thousand dollars; renewals and repairs to administration building, twenty-thousand dollars; additional water supply, eighteen thousand dollars; extension and renewal of water, steam, sewer, and CO_2 pipes and heating conduit, seven thousand five hun-

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dred dollars; additional roads, walks, and pavements in the vicinity of Barracks "C," two thousand dollars; for moving boat house from its present location near detention barracks to a point on the Peninsula, and preparing site for same; three thousand five hundred dollars; in all, naval training station, Rhode Island, fifty-three thousand dollars.

Naval training station, California, buildings.

NAVAL TRAINING STATION, CALIFORNIA, BUILDINGS: Garbage crematory, one thousand five hundred dollars; house for master of tugs, two thousand six hundred dollars; in all, four thousand one hundred dollars.

Naval Observatory.

NAVAL OBSERVATORY: Grounds and roads: Continuing grading, extending roads and paths, clearing and improving grounds, five thousand dollars.

Naval proving ground, Indian Head, Md.

NAVAL PROVING GROUND, INDIAN HEAD, MARYLAND: For turntable, traverse table, and track, north battery, fourteen thousand five hundred dollars; rebuilding river wharf, ten thousand dollars; in all, naval proving ground, Indian Head, twenty-four thousand five hundred dollars.

Naval magazines: Fort Mifflin.

Naval magazine, Fort Mifflin, Pennsylvania: Building for re-forming plant, six thousand dollars; installation of electric power, lighting, and telephone system, twelve thousand dollars; in all, eighteen thousand dollars.

Iona Island.

Naval magazine, New York Harbor (Iona Island): Extension of sea (river) wall, five thousand dollars; one shell house, twenty-five thousand dollars; in all, thirty thousand dollars.

Fort Lafayette.

Naval magazine, Fort Lafayette, New York: Construction of additional floors, making two stories in fixed-ammunition house, shell house, and shell-filling house, and extension of iron balcony on same, five thousand three hundred dollars.

Lake Denmark.

Naval magazine, Lake Denmark, New Jersey: One magazine, fifteen thousand dollars.

St. Juliens Creek.

Naval magazine, Saint Juliens Creek, Virginia: One magazine building, fifteen thousand dollars; one shell house, twenty thousand dollars; acquiring fresh-water supply and additional fire protection, ten thousand dollars; in all, forty-five thousand dollars.

Mare Island.

Naval magazine, Mare Island, California: For one magazine attendant's quarters, three thousand dollars; one shell house, fifteen thousand dollars; in all, eighteen thousand dollars.

Puget Sound.

For naval magazine, navy yard, Puget Sound, Washington: One office building and laboratory, nine thousand dollars; one magazine, fifteen thousand dollars; one fixed ammunition storehouse, fifteen thousand dollars; in all, thirty-nine thousand dollars.

Naval torpedo station.

Naval torpedo station, Newport, Rhode Island: Garbage crematory, three thousand dollars; fire station for hook and ladder and hose reels, two thousand dollars; stable for horses, wagons, trucks, and yard locomotive

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trains, five thousand dollars; water-supply pipe across harbor, six thousand dollars; new power house, toward building (cost not to exceed sixty thousand dollars) and equipping (cost not to exceed one hundred and twenty thousand dollars), sixty thousand dollars; extension of fire mains, six thousand two hundred dollars; paving, additional, five thousand dollars; in all, eighty-seven thousand two hundred dollars.

Naval magazines: Guantanamo.

Naval magazine, Guantanamo, Cuba: One magazine, fifteen thousand dollars; one shell house, fifteen thousand dollars; one set quarters and office, eight thousand five hundred dollars; wharf, including clearing, grading, and equipment, twelve thousand five hundred dollars; in all, fifty-one thousand dollars.

Olongapo.

NAVAL MAGAZINE, OLONGAPO, PHILIPPINE ISLANDS: One shell house, one observation magazine, one stowage shed, one marine barracks, extensions to gun-cotton house, railway track and dock, one electric generator, and for lighting grounds and quarters, twenty thousand five hundred and seventy-seven dollars.

Rifle range, Winthrop, Md.

For the extension of existing quarters, buildings, mess hall, increasing rifle-range facilities, and the improvement of target butts, Marine Corps, Rifle Range, Winthrop, Maryland, twenty thousand dollars: *Provided*, That no part of said sum shall be expended for the construction of quarters for marine officers the total cost of which, exclusive of cost of piling and including the heating and plumbing apparatus, wiring, and fixtures, shall exceed in the case of quarters of a general officer the sum of fifteen thousand dollars; of a colonel or an officer above the rank of captain, twelve thousand dollars; and of an officer of and below the rank of captain, nine thousand dollars.

* * * * *

BUREAU OF SUPPLIES AND ACCOUNTS.

* * * * *

Naval supply fund abolished.

The permanent Naval Supply Fund created by the act of March third, eighteen hundred and ninety-three, as modified by the acts of June tenth, eighteen hundred and ninety-six, and March third, eighteen hundred and ninety-seven, and further increased by the acts of January fifth, eighteen hundred and ninety-nine, and February fourteenth, nineteen hundred and two, is hereby abolished, and of the sum remaining on the books of the Treasury to the credit of the said fund after the adjustment of all liabilities, the Secretary of the Treasury is hereby authorized and directed to cause the sum of one million five hundred thousand dollars transferred to the credit of said fund from the General Account of Advances to be returned to General Account of Advances, and the remainder to be covered into the Treasury; and hereafter the

Naval supply account created.

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Naval Supply Account for the Naval Establishment, as created by the act of June twenty-fifth, nineteen hundred and ten, under the Bureau of Supplies and Accounts, shall govern the charging, crediting, receipt, purchase, transfer, manufacture, repair, issue, and consumption of all stores for the Naval Establishment, excepting the materials named in that act and such other materials as the Secretary of the Navy may designate: *Provided*, That the amount expended under General Account of Advances for the purchase and manufacture of stores and materials for the Naval Establishment shall not exceed the amount available for such purposes.

BUREAU OF CONSTRUCTION AND REPAIR.

Repairs to vessels (named).

CONSTRUCTION AND REPAIR OF VESSELS: * * * The Secretary of the Navy is hereby authorized to make expenditures from appropriate funds under the various bureaus for repairs and changes on the vessels herein named, in an amount not to exceed the sum specified for each vessel, respectively, as follows: Georgia, five hundred thousand dollars; Virginia, five hundred thousand dollars; Arethusa, one hundred and twenty thousand dollars; Iroquois, twenty-five thousand dollars; Nero, forty-five thousand dollars; Nanshan, fifty-five thousand dollars; in all, one million two hundred and forty-five thousand dollars, as per the letter of the Acting Secretary of the Navy contained in House Document Numbered One thousand two hundred and twenty-one, Sixty-first Congress, third session, concerning repairs to certain naval vessels: * * *.

BUREAU OF STEAM ENGINEERING.

* * * * *

Engineering experiment station, Annapolis.

Engineering experiment station, United States Naval Academy, Annapolis, Maryland * * *.

Equipment of building: To complete the installation of steam, air, and water lines and electric circuit; for modification of trenches, foundations for machinery; for purchase and installation of additional boiler, forty-two thousand dollars.

Completion of boiler house, fifty thousand dollars.

Six cottages for firemen, one thousand dollars each, six thousand dollars.

* * * * *

NAVAL ACADEMY.

* * * * *

Memorials, etc.

MEMORIALS, NAVAL ACADEMY: To complete the installation, and for the care, preservation, and display of memorials and other objects of historic interest and value at the Naval Academy, three thousand dollars.

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Crypt of chapel.

That the Secretary of the Navy shall have estimates, plans, and specifications prepared for the completion of the crypt of the chapel at the United States Naval Academy, Annapolis, Maryland, as a permanent resting place for the body of John Paul Jones, the cost of said crypt and furnishing of same, including architect's fee and all other expenses of every character connected therewith, not to exceed the sum hereinafter appropriated, said plans and specifications to be approved by the Superintendent of the United States Naval Academy and the Secretary of the Navy.

That the sum of seventy-five thousand dollars, or so much thereof as may be necessary, is hereby appropriated, out of any money in the Treasury not otherwise appropriated, for the completion and furnishing of said crypt in accordance with said plans and specifications.

* * * * *

MARINE CORPS.

* * * * *

Disallowances, removal of, marine quartermasters' accounts.

Provided, That the accounting officers of the Treasury are hereby authorized and directed to remove any disallowances or suspensions in the accounts of Disbursing Assistant Quartermasters, United States Marine Corps, for the fiscal years of nineteen hundred and ten and nineteen hundred and eleven, for the purchase, maintenance, repair and operation of motor and other vehicles, including the purchase and repair of harness, stable equipment and accessories of the Quartermaster's Department, United States Marine Corps, when approved by the Secretary of the Navy as necessary for the public service.

* * * * *

INCREASE OF THE NAVY.

Two battleships.

That, for the purpose of further increasing the Naval Establishment of the United States, the President is hereby authorized to have constructed two first-class battleships, each carrying as heavy armor and as powerful armament as any vessel of its class, to have the highest practicable speed and the greatest practicable radius of action, and to cost, exclusive of armor and armament, not to exceed six million dollars each.

Two fleet colliers.

Two fleet colliers, of fourteen knots trial speed when carrying not less than twelve thousand five hundred tons of cargo and bunker coal, to cost not to exceed one million dollars each.

Eight destroyers.

Eight torpedo-boat destroyers, to have the highest practicable speed, and to cost not to exceed eight hundred and twenty-five thousand dollars each.

Four submarines.

Four submarine torpedo boats, in an amount not exceeding in the aggregate two million dollars, and the sum

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of eight hundred thousand dollars is hereby appropriated for said purpose: *Provided*, That no part of this appropriation shall be expended for the construction of any boat by any person, firm or corporation which has not at the time of the commencement and construction of said vessels established an eight-hour workday for all employees, laborers and mechanics engaged or to be engaged in the construction of the vessels named herein.

One submarine tender, to cost not to exceed five hundred thousand dollars, and the sum of two hundred and fifty thousand dollars is hereby appropriated toward said purpose. One submarine tender.

One gunboat, to cost, exclusive of armor and armament, not to exceed five hundred thousand dollars. One gunboat.

One river gunboat, to cost, exclusive of armor and armament, not to exceed two hundred and fifteen thousand dollars. One river gunboat.

Two seagoing tugs, to cost not to exceed two hundred and fifteen thousand dollars each. Two seagoing tugs.

CONSTRUCTION AND MACHINERY: On account of hulls and outfits of vessels and steam machinery of vessels heretofore and herein authorized, thirteen million five hundred and thirty-one thousand seven hundred and eighty-five dollars and seventy-nine cents: *Provided*, That no part of this appropriation for the construction and machinery of battleships shall be expended for construction of any battleships by any person, firm or corporation which has not at the time of the commencement and during the construction of said vessels established an eight-hour workday for all employees, laborers and mechanics engaged, or to be engaged in the construction of the vessels named herein: *Provided*, That this limitation shall not apply to payments to be made under contracts made prior to the approval of this act: *Provided*, That the limit of cost of the collier authorized and directed by the naval appropriation act, approved May thirteenth, nineteen hundred and eight, to be built in such Government yard on the Pacific coast as the Secretary of the Navy shall direct, is hereby increased from the modified million dollar limit of cost imposed by the act of June twenty-fourth, nineteen hundred and ten, to one million two hundred thousand dollars, exclusive of indirect charges. Construction and machinery.

INCREASE OF THE NAVY; TORPEDO BOATS: On account of submarine torpedo boats and subsurface destroyers, heretofore authorized, eight hundred and ninety thousand eight hundred and thirty-three dollars and eighty-eight cents: *Provided*, That no part of this appropriation shall be expended for the construction of any boat by any person, firm or corporation which has not at the time of the commencement and during the construction of said vessels established an eight-hour workday for all employees, laborers, mechanics engaged in doing the work Torpedo boats.

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for which this appropriation is made: *Provided*, That this limitation shall not apply to payments to be made upon vessels authorized prior to the approval of this act.

Armor and armament.

ARMOR AND ARMAMENT: Toward the armor and armament for vessels authorized, ten million five hundred and thirty-two thousand nine hundred and twenty-eight dollars: *Provided*, That no part of this appropriation shall be expended for armor for vessels except upon contracts for such armor when awarded by the Secretary of the Navy to the lowest responsible bidders, having in view the best results and most expeditious delivery: *Provided further*, That no part of this appropriation shall be expended for the purchase of armor or armament from any persons, firms or corporations, that have entered into any combination, agreement, conspiracy or understanding, the effect, object or purpose of which is to deprive the Government of fair, open and unrestricted competition in letting contracts for the furnishing of any of said armor or armament.

Florida.

The limit of cost, exclusive of armor and armament, of the battleship Florida, authorized by the naval appropriation act approved May thirteenth, nineteen hundred and eight, to be built in a Government navy yard, is hereby increased from six million dollars to six million four hundred thousand dollars; and the limit of cost, exclusive of armor and armament, of the battleship authorized and directed by the naval appropriation act approved June twenty-fourth, nineteen hundred and ten, to be constructed in one of the navy yards, is hereby increased to six million four hundred thousand dollars, exclusive of indirect charges.

Total increase of the Navy, twenty-six million five thousand five hundred and forty-seven dollars and sixty-seven cents.

Provided, That no part of any sum hereby appropriated under "Increase of the Navy" shall be used for the payment of any clerical, drafting, inspection, and messenger service, or for pay of any of the other classified force, under the various bureaus of the Navy Department in Washington, District of Columbia.

That no part of any sum appropriated by this act shall be used for any expense of the Navy Department at Washington unless specific authority is given by law for such expenditure.

Combinations to monopolize trade, prevention of.

Provided, That no part of any sum herein appropriated shall be expended for the purchase of structural steel, ship plates, armor, armament or machinery from any persons, firms or corporations who have combined or conspired to monopolize the interstate or foreign commerce or trade of the United States, or the commerce or trade between the States and any Territory or the District of Columbia, in any of the articles aforesaid, and no purchase of structural steel, ship plates or machinery

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shall be made at a price in excess of a reasonable profit above the actual cost of manufacture. But this limitation shall in no case apply to any existing contract.

Panama Canal exposition.

By a joint resolution of Congress the President of the United States has been authorized and respectfully requested, by a proclamation or in such manner as he may deem proper, to invite all foreign countries and nations to attend and participate in an exposition at the city and county of San Francisco, California, on or about the first day of January, nineteen hundred and fifteen, to celebrate the completion and opening of the Panama Canal, and also the four hundredth anniversary of the discovery of the Pacific Ocean.

Foreign fleets.

The President is further authorized and respectively requested, in extending his invitation to the foreign nations in pursuance of the aforesaid joint resolution of Congress, to invite their representatives and their fleets to assemble at Hampton Roads, Virginia, and from thence come to the city of Washington, there to be formally welcomed by the President; and, at the conclusion of the ceremonies at Washington, the President is requested to proceed to Hampton Roads and there review the assembled fleets as they start on their voyage to the city of San Francisco.

Approved, March 4, 1911.

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[PUBLIC—No. 290.]

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and thirteen, and for other purposes.

[Provision is made for the Naval Establishment, and under the headings—]

PAY OF THE NAVY.

Pay Corps, additions to number in.

Is added: "The grades of the active list of the Pay Corps of the Navy are hereby increased by ten additional paymasters, in all eighty-six paymasters, and by twenty additional passed assistant and assistant paymasters, in all one hundred and sixteen passed assistant and assistant paymsters: *Provided*, That the total increae of the Pay Corps of the Navy shall not exceed twenty during the first fiscal year."

Hospital stewards.

The Auditor for the Navy Department is directed to allow payments made to hospital stewards who were granted permanent appointments as of date of May thirteenth, nineteen hundred and eight, which have heretofore been disallowed by reason of a decision of the Assistant Comptroller of the Treasury dated December twenty-ninth, nineteen hundred and ten, and to pay them out of the appropriations for "Pay of the Navy."

Officers, rank and pay on retirement.

That hereafter any officer retired under the provisions of sections eight and nine of the act approved March third, eighteen hundred and ninety-nine, an act to reorganize and increase the efficiency of the personnel of the Navy and Marine Corps of the United States, shall be retired with the rank and three-fourths the sea pay of the grade from which he is retired.

That the act approved May thirteenth, nineteen hundred and eight, making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and nine, and for other purposes, in so far as it relates to the payment of six months' pay to the widow of an officer or enlisted man and so forth, be amended to read as follows:

Gratuity pay.

"That hereafter immediately upon official notification of the death, from wounds or disease not the result of his own misconduct, of any officer or enlisted man on the active list of the Navy and Marine Corps the Paymaster General of the Navy shall cause to be paid to the widow, and, if no widow, to the children, and, if there be no children, to any other dependent relative of such officer or enlisted man previously designated by him, an amount

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equal to six months' pay at the rate received by such officer or enlisted man at the date of his death, less seventy-five dollars in the case of an officer and thirty-five dollars in the case of an enlisted man, to defray expenses of interment, and the residue, if any, of the amount reserved shall be paid subsequently to the designated person."

That the portion of the act entitled "An act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and eleven, and for other purposes," approved June twenty-fourth, nineteen hundred and ten, which reads as follows:

Chiefs of bureaus.

"The pay and allowances of chiefs of bureaus of the Navy Department shall be the highest shore-duty pay and allowances of the rear admiral of the lower nine, and all officers of the Navy who are now serving or who shall hereafter serve as chief of bureau in the Navy Department, and are eligible for retirement after thirty years' service, shall have, while on the active list, the rank, title, and emoluments of a chief of bureau, in the same manner as is already provided by statute law for such officers upon retirement by reason of age or length of service, and such officers, after thirty years' service, shall be entitled to and shall receive new commissions in accordance with the rank and title hereby conferred," be, and the same is hereby, repealed: *Provided*, That no officer who has received his commission under the provisions of said act shall be deprived of said commission or the rank, title, and emoluments thereof by virtue of this repeal.

Naval officers, eligibility to and pay of while on active duty.

Hereafter any naval officer on the retired list may, with his consent, in the discretion of the Secretary of the Navy, be ordered to such duty as he may be able to perform at sea or on shore, and while so employed in time of peace shall receive the pay and allowances of an officer of the active list of the same rank: *Provided*, That no such retired officer so employed on active duty shall receive, in time of peace, any greater pay and allowances than the pay and allowances which are now or may hereafter be provided by law for a lieutenant senior grade on the active list of like length of service: *And provided further*, That any such officer whose retired pay exceeds the highest pay and allowances of the grade of lieutenant senior grade, shall, while so employed in time of peace, receive his retired pay only, in lieu of all other pay and allowances.

Useless papers, disposal of.

The act "to authorize and provide for the disposal of useless papers in executive departments," approved February sixteenth, eighteen hundred and eighty-nine, is hereby amended so that accumulations in the files of vessels of the Navy of papers that, in the judgment of the commander in chief of the fleet, are not needed or useful in the transaction of current business and have no permanent value or historical interest may be disposed of by

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the commander in chief of the fleet by sale, after advertisement for proposals, as waste papers if practicable, or if not practicable, then otherwise, as may appear best for the interests of the Government, the commander in chief of the fleet to make report thereon to the Secretary of the Navy; provided always that no papers less than two years old from the date of the last indorsement thereon and no correspondence, or the related papers, with officers or representatives of a foreign government shall be destroyed or disposed of by such commander in chief of the fleet.

PAY, MISCELLANEOUS.

* * * * *

Deposits by enlisted men, Georgia, repayment of.

That the Secretary of the Treasury be, and he is hereby, authorized and directed to pay to the several enlisted men of the Navy and Marine Corps then attached to the United States ship Georgia the respective sums of money placed by said enlisted men on deposit for safe-keeping with the pay officer of said ship as permitted by article thirteen hundred and thirty-one of the Navy Regulations, which said sums were stolen on February tenth or eleventh, nineteen hundred and eleven, by one Edward V. Lee, clerk of said pay officer; and the sum of four thousand three hundred dollars, or so much thereof as may be necessary, is hereby appropriated, out of any money in the Treasury not otherwise appropriated, to carry out the provisions of this act.

Enlistment, terms, of.

That the term of enlistment of all enlisted men of the United States Navy other than those who are enlisted during minority shall be four years.

That the term of enlistment of any enlisted man in the Navy may, by his voluntary written agreement, under such regulations as may be prescribed by the Secretary of the Navy with the approval of the President, be extended for a period of either one, two, three, or four full years from the date of expiration of the then existing four-year term of enlistment, and subsequent to said date such enlisted men as extend the term of enlistment as authorized in this section shall be entitled to and shall receive the same pay and allowances in all respects as though regularly discharged and reenlisted immediately upon expiration of their term of enlistment, and such extension shall not operate to deprive them upon discharge at the termination thereof of any right, privilege, or benefit to which they would be entitled at the expiration of a four-year term of enlistment.

That section fifteen hundred and seventy-three of the Revised Statutes of the United States as amended by section sixteen of an act entitled "An act to reorganize and increase the efficiency of the personnel of the Navy and Marine Corps of the United States," approved

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March third, eighteen hundred and ninety-nine, be, and the same is hereby, amended to read as follows: "If any enlisted man or apprentice, being honorably discharged, shall reenlist for four years within four months thereafter, he shall, on presenting his honorable discharge or on accounting in a satisfactory manner for its loss, be entitled to a gratuity of four months' pay equal in amount to that which he would have received if he had been employed in actual service: *Provided*, That any enlisted man in the Navy whose term of enlistment has been extended for an aggregate of four years shall, after the expiration of the preceding four-year term of enlistment upon which the extension is made and if otherwise entitled to an honorable discharge, be paid the gratuity above provided: *And provided*, That any man who has received an honorable discharge from his last term of enlistment, or who has received a recommendation for reenlistment upon the expiration of his last term of enlistment, who reenlists for a term of four years within four months from the date of his dicharge, shall receive an increase of one dollar and thirty-six cents per month to the pay prescribed for the rating in which he serves for each successive reenlistment: *And provided further*, That an extension of the period of enlistment as hereinbefore authorized, aggregating four years, shall be held and considered as equivalent to continuous service with respect to all rights, privileges, and benefits granted for such service pursuant to law."

Pay of enlisted men upon reenlistment.

Enlisted men, discharge of.

That under such regulations as the Secretary of the Navy may prescribe, with the approval of the President, any enlisted man may be discharged at any time within three months before the expiration of his term of enlistment or extended enlistment without prejudice to any right, privilege, or benefit that he would have received, except pay and allowances for the unexpired period not served, or to which he would thereafter become entitled, had he served his full term of enlistment or extended enlistment: *Provided*, That nothing in this act shall be held to reduce or increase the pay and allowances of enlisted men of the Navy now authorized pursuant to law.

* * * * *

CARE OF LEPERS, ISLAND OF GUAM: * * *.

Lepers, care of.

It is "*Provided*, That the Secretary of the Navy is authorized to transfer all the lepers of Guam now segregated, and other cases that may later appear, to the island of Culion, in the Philippines, and to pay the cost of their transfer and maintenance from this appropriation."

BUREAU OF NAVIGATION.

* * * * *

Advertising agency, employment of.

It is "*Provided*, That authority is hereby granted to employ the services of an advertising agency in advertis-

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ing for recruits under such terms and conditions as are most advantageous to the Government."

* * * * *

Naval Home, money and personal effects of inmates of.

All moneys belonging to a deceased inmate of the Naval Home or derived from the sale of his personal effects, and which are not claimed by his next of kin, shall be deposited in the Treasury by the governor of the home, as agent, and if any sum so deposited has been or shall hereafter be unclaimed for a period of five years from the death of such inmate it shall be covered into the Treasury as miscellaneous receipts: *Provided*, That the governor of the Naval Home is hereby authorized and directed, under such regulations as may be prescribed by the Secretary of the Navy, to make diligent inquiry in every instance after the death of an inmate to ascertain the wherabouts of his next of kin: *And provided further*, That claims may be presented hereunder at any time, and when supported by competent proof in any case more than five years after the death of an inmate shall be certified to Congress for consideration.

BUREAU OF ORDNANCE.

Emergency purchases of war material abroad. Duty free.

ORDNANCE AND ORDNANCE STORES: * * * *Provided*, That the Secretary of the Navy is hereby authorized to make emergency purchases of war material abroad: *And provided further*, That when such purchases are made abroad, this material shall be admitted free of duty.

* * * * *

Smokeless powder, material for, to be exchanged.

The Secretary of the Navy is hereby authorized to exchange such quantities of potassium nitrate now in store as may not be needed in the manufacture of black powder for sodium nitrate of equal value for use in the manufacture of smokeless powder.

Gun factory.

FOR NAVAL GUN FACTORY, WASHINGTON, DISTRICT OF COLUMBIA: * * *.

Machinery, cupolas, furnaces, and foundry equipment for new foundry, one hundred thousand dollars.

New batteries.

NEW BATTERIES FOR SHIPS OF THE NAVY: * * *.

For modifying or renewing breech mechanisms of three-inch, four-inch, five-inch, and six-inch guns, one hundred and twenty-five thousand dollars.

* * * * *

For lining and hooping to the muzzle eight-inch forty-caliber, Mark V guns, sixty thousand dollars.

For liners for eroded guns, one hundred and twenty-five thousand dollars.

For modifying five-inch fifty-caliber Mark V guns, seventy-five thousand dollars.

* * * * *

Modernizing turrets.

Modernizing turrets of ships of the Navy: For equipments for turret ammunition hoists and rammers to increase the rapidity, safety, and reliability of the ammuni-

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tion supply and to increase the efficiency and rapidity of loading the guns of all turret vessels authorized previous to the Michigan class, but excluding the Amphitrite, Miantonomoh, Puritan, and Terror, two hundred and fifty thousand dollars.

* * * * *

Modernizing projectiles.

MODERNIZING PROJECTILES: For rebanding projectiles and fitting long points, and other changes as required, three hundred thousand dollars.

* * * * *

Unobligated balances of appropriations reappropriated.

That the balances of appropriations unobligated on January eleventh, nineteen hundred and twelve, made for the naval service under the headings "Ammunition for ships of the Navy," "Fire control instruments for ships of the Navy," "Small arms and machine guns," "Torpedoes and appliances," "Experiments, Bureau of Ordnance," "New batteries for ships of the Navy," "Arming and equipping the Naval Militia," "Modernizing projectiles," "Modernizing turrets of ships of the Navy," "Naval Gun Factory, Washington, District of Columbia," and "Battle compasses," are hereby reappropriated and shall be available for obligation until the close of the fiscal year ending June thirtieth, nineteen hundred and thirteen.

BUREAU OF EQUIPMENT.

Sites for radio stations.

EQUIPMENT OF VESSELS: * * * *Provided* * * *, That the sum to be paid out of this appropriation for the purchase of land for sites for radio shore stations shall not exceed fifty thousand dollars: *Provided further*, That the total expenditures under this appropriation at the naval radio laboratory shall not exceed five thousand dollars.

Arlington, Va.

The following-described part of the Government land in Alexandria County, State of Virginia, known as the Arlington estate, is hereby transferred to, and placed under the control and jurisdiction of, the Navy Department for use for naval purposes: Beginning with the stone monument at the southwestern corner of the Arlington Military Reservation, Virginia, and extending thence north four degrees five minutes west six hundred and thirty-three and thirty-four one-hundredths feet to a stake; thence south eighty-nine degrees five minutes east one thousand one hundred and ten and twenty-three one-hundredths feet to a stake; thence south ten degrees forty-four minutes east four hundred and four and eighty-nine one-hundredths feet to a stone in the southern boundary of said reservation; thence south seventy-nine degrees sixteen minutes west one thousand one hundred and sixty and seven-tenths feet to the place of beginning, containing thirteen and four-tenths acres more or less. All bearings refer to the magnetic north.

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For the purchase of battle compasses for ships of the Navy heretofore completed, one hundred and twenty thousand dollars.

* * * * *

DEPOTS FOR COAL: * * *.

It is provided "that seventy-five thousand dollars * * *, or so much thereof as may be necessary, may be used for the survey and investigation by experimental test of coal in Alaska for use on board ships of the United States Navy and for report upon coal and coal fields available for the production of coal for the use of the ships of the United States Navy or any vessel of the United States, and three hundred and forty-five thousand dollars * * *, or so much thereof as may be necessary shall be used for the coaling station and fuel station at Pearl Harbor, Hawaii." Coal in Alaska, tests of. Coaling station, Pearl Harbor.

* * * * *

OCEAN AND LAKE SURVEYS: * * *.

Provides "toward the purchase and preparation of necessary sites, purchase and erection of towers and buildings, and the purchase and installation of machinery and apparatus of high-power radio stations (cost not to exceed one million dollars), to be located as follows: One in the Isthmian Canal Zone, one on the California coast, one in the Hawaiian Islands, one in American Samoa, one on the island of Guam, and one in the Philippine Islands four hundred thousand dollars, to be available until expended." Radio stations, high-power.

* * * * *

PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

NAVY YARD, PORTSMOUTH, NEW HAMPSHIRE: Crane track and railroad extension, twenty thousand dollars; tool house for naval prison, two thousand dollars; quarters for commanding officer, naval prison, twelve thousand dollars; improvement and additions to power plant, ten thousand dollars; in all, forty-four thousand dollars. Portsmouth.

The sum of fifty thousand dollars appropriated by the naval act approved March third, nineteen hundred and nine, for foundry building (to cost two hundred and fifty thousand dollars) is hereby reappropriated and made available for the extension and improvement of the existing foundry.

NAVY YARD, BOSTON, MASSACHUSETTS: Toward one hundred and fifty ton floating crane (cost not to exceed three hundred and twenty-five thousand dollars), one hundred and fifty thousand dollars; paving, ten thousand dollars; electrical system, extension, five thousand dollars; reconstruction building numbered twenty-four, sixty-five thousand dollars; railroad system, extension, ten thousand dollars; in all, navy yard, Boston, two hundred and forty thousand dollars. Boston

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New York. NAVY YARD, NEW YORK, NEW YORK: One fifty-ton locomotive crane, fifty thousand dollars; paving and grading, fifteen thousand dollars; yard railroad, extension, ten thousand dollars; dredging, fifty thousand dollars; in all, navy yard, New York, New York, one hundred and twenty-five thousand dollars.

Philadelphia. NAVY YARD, PHILADELPHIA, PENNSYLVANIA: Sanitation system, reserve basin, to complete, forty-five thousand dollars; Pier Numbered Five, to extend, seventy-five thousand dollars; water-closets and laundry, ten thousand dollars; in all, navy yard, Philadelphia, one hundred and thirty thousand dollars.

Washington. NAVY YARD, WASHINGTON, DISTRICT OF COLUMBIA: New foundry (cost not to exceed two hundred thousand dollars), to complete, one hundred thousand dollars; waterfront improvements, fifty thousand dollars; renewal of floors in gun shops and other buildings, twenty-five thousaid dollars; electric plant, extensions, twenty-one thousand dollars; storage for power vehicles, four thousand dollars; in all, two hundred thousand dollars.

Norfolk. NAVY YARD, NORFOLK, VIRGINIA: Railroad tracks, extensions, five thousand dollars; electric plant, extensions, twenty thousand dollars; repairs, buildings, Saint Helena, twenty-five thousand dollars; improvements to water front, fifty thousand dollars; paving and grading, ten thousand dollars; heating system, extension, fifteen thousand dollars; water-closets and lavatories for ships in dock, fifteen thousand dollars; incinerator, Saint Helena, five thousand dollars; in all, navy yard, Norfolk, Virginia, one hundred and forty-five thousand dollars.

Charleston. NAVY YARD, CHARLESTON, SOUTH CAROLINA: Paving and grading, to continue, five thousand dollars; railroad system, extensions and improvements, five thousand dollars; conduit system extension, five thousand dollars; bathroom and lavatories for enlisted men, four thousand dollars; storehouse for oil, twenty thousand dollars; in all, thirty-nine thousand dollars.

Key West. NAVAL STATION, KEY WEST, FLORIDA: Power plant, twenty-five thousand dollars; grading and paving, five thousand dollars; paving and grading on Whitehead, Front, and Green Streets where abutting on naval station, five thousand five hundred dollars, or so much thereof as may be necessary: *Provided, however*, That the cost of the United States Government's share for paving and grading said streets shall not exceed one-fourth of the total cost thereof; in all, thirty-five thousand five hundred dollars.

The unexpended balance of the appropriation made in the naval Act approved March second, nineteen hundred and seven, "For construction of two officers' quarters, navy yard, Pensacola, Florida, ten thousand dollars," and the naval act approved May thirteenth, nineteen hundred and eight, "To complete officers' quarters, marine bar-

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racks, navy yard, Pensacola, Florida, five thousand dollars," is hereby reappropriated and made available for the erection of officers' quarters and improving grounds at the naval station, Key West, Florida.

Mare Island.

NAVY YARD, MARE ISLAND, CALIFORNIA: Grading and paving, fifteen thousand dollars; railway system, extensions, ten thousand dollars; repairs to buildings numbered one hundred and six and one hundred and eighteen, forty-five thousand dollars; sewer system, extensions, ten thousand dollars; in all, eighty thousand dollars.

Puget Sound.

NAVY YARD, PUGET SOUND, WASHINGTON: Railroad extension, ten thousand dollars; Pier Numbered Four, one hundred and seventy-five thousand dollars; new foundry equipment, twenty thousand dollars; electric crane, four thousand dollars; two officers' quarters, eighteen thousand dollars; in all, navy yard, Puget Sound, Washington, two hundred and twenty-seven thousand dollars.

The appropriation made by the naval Act approved June twenty-fourth, nineteen hundred and ten, for a torpedo station near the Pacific coast of the United States, is hereby reappropriated and such part as the Secretary of the Navy may deem necessary is made available for expenditure for the same purposes at the naval station, Puget Sound, Washington.

Pearl Harbor.

NAVAL STATION, PEARL HARBOR, HAWAII: Dry dock (limit of cost is hereby increased to three million four hundred and eighty-six thousand five hundred dollars), to continue, one million and fifty thousand dollars; waterfront development, one hundred thousand dollars; street paving, twenty-five thousand dollars; water system, seventeen thousand dollars; power distribution, mains and conduits, seventy-five thousand dollars; metal and lumber storehouse, twenty-five thousand dollars; paint and rigging loft, twenty-five thousand dollars; pattern shop, sixty thousand dollars; storehouses, one hundred thousand dollars; latrines, ten thousand dollars; railroad equipment, forty-five thousand dollars; floating crane, to complete, two hundred and ten thousand dollars; in all, one million seven hundred and forty-two thousand dollars.

For the proper control, protection, and defense of the naval station, harbor, and entrance channel at Pearl Harbor, Territory of Hawaii, the Secretary of the Navy is hereby authorized, empowered, and directed to adopt and prescribe suitable rules and regulations governing the navigation, movement, and anchorage of vessels of whatsoever character in the waters of Pearl Harbor, island of Oahu, Hawaiian Islands, and in the entrance channel to said harbor, and to take all necessary measures for the proper enforcement of such rules and regulations.

The Secretary of the Navy is authorized to purchase, from the appropriation "Naval station, Pearl Harbor, Hawaii, fresh-water system," made by the act of March

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fourth, nineteen hundred and eleven, one acre, more or less, of land in the island of Oahu, Territory of Hawaii, for the location of wells for supplying fresh water to the Naval Station, Pearl Harbor, Hawaii, at a cost not exceeding one thousand five hundred dollars, and to acquire a right of way for a pipe line from such wells to the naval station.

Naval Academy.

BUILDINGS AND GROUNDS, NAVAL ACADEMY: For removing overhead wires, providing underground conduits, sixty thousand dollars; reenforced concrete bridge across Dorsey Creek (to cost fifty thousand dollars), twenty-five thousand dollars; in all, eighty-five thousand dollars.

The appropriation of twenty-five thousand dollars, made by the act approved March fourth, nineteen hundred and eleven, entitled "An act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and twelve, and for other purposes," for a new drawbridge across Dorsey Creek, is hereby reappropriated and made available for the reenforced concrete bridge herein authorized.

Buildings, naval training stations.

Rhode Island.

NAVAL TRAINING STATION, RHODE ISLAND, BUILDINGS: Repairs to barracks "B" and "C," ten thousand dollars; underground conduit and lighting system, to extend, five thousand dollars; in all, fifteen thousand dollars.

California.

NAVAL TRAINING STATION, CALIFORNIA, BUILDINGS: Buildings in connection with dispensary, one thousand five hundred dollars.

Naval Observatory.

NAVAL OBSERVATORY: For cleaning, repair, and upkeep of grounds and roads, five thousand dollars.

Nautical Almanac, exchange of data for.

The Secretary of the Navy is hereby authorized to arrange for the exchange of data with such foreign almanac offices as he may from time to time deem desirable with a view to reducing the amount of duplication of work in preparing the different national nautical and astronomical almanacs and increasing the total data which may be of use to navigators and astronomers available for publication in the American Ephemeris and Nautical Almanac: *Provided*, That any such arrangement shall be terminable on one year's notice: *Provided further*, That the work of the Nautical Almanac Office during the continuance of any such arrangement shall be conducted so that in case of emergency the entire portion of the work intended for the use of navigators may be computed by the force employed by that office, and without any foreign cooperation whatsoever: *Provided further*, That any employee of the Nautical Almanac Office who may be authorized in any annual appropriation bill and whose services in whole or in part can be spared from the duty of preparing for publication the annual volumes of the American Ephemeris and Nautical Almanac may be employed by said office in the duty of improving the tables of the planets, moon, and stars, to be used in preparing for publication the annual volumes of

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the office: *Provided further*, That section four hundred and thirty-five, Revised Statutes, is hereby repealed.

Naval proving ground.

NAVAL PROVING GROUND, INDIAN HEAD, MARYLAND: Repairs to wharf and coal-handling plant at powder factory, ten thousand dollars; new surveillance magazine, one thousand five hundred dollars; two dry houses for smokeless powder, seven thousand five hundred dollars; purchase of five acres (more or less) of additional land, two hundred dollars; one set of double quarters for commissioned officers, twelve thousand dollars; in all, naval proving ground, Indian Head, thirty-one thousand two hundred dollars.

Naval magazines.

Fort Mifflin.

Naval magazine, Fort Mifflin, Pennsylvania: Surveillance test house, two thousand dollars; magazine for explosive "D," two thousand five hundred dollars; magazine for internal detonating fuses, six hundred dollars; magazine for segregated smokeless powder, three thousand dollars; tanks to hold rain water, two thousand dollars; filling house for explosive "D," one thousand dollars; in all, eleven thousand one hundred dollars.

Iona Island.

Naval magazine, New York Harbor (Iona Island): Two magazine buildings, including clearing, preparing grades of sites, railroad tracks, thirty thousand dollars; extension of shipping house and replanking dock, ten thousand dollars; in all, forty thousand dollars.

Lake Denmark.

Naval magazine, Lake Denmark, New Jersey: One locomotive house, two thousand five hundred dollars; one magazine building, including clearing, preparing, grading of site, railroad tracks, fifteen thousand dollars; water pipe mains, four thousand dollars; fire and boundary wall, five thousand dollars; in all, twenty-six thousand five hundred dollars.

St. Juliens Creek.

Naval magazine, Saint Juliens Creek, Virginia: Two magazine buildings, thirty thousand dollars; magazine building for storage of high explosives, one thousand five hundred dollars; two sets of quarters for magazine attendants, seven thousand dollars; in all, thirty-eight thousand five hundred dollars.

Mare Island.

Naval magazine, Mare Island, California: One magazine building, twenty thousand dollars; primer house, one thousand five hundred dollars; gunners' quarters, five thousand dollars; in all, twenty-six thousand five hundred dollars.

Puget Sound.

For naval magazine, navy yard, Puget Sound, Washington: Extension of fire-protection system, one thousand dollars; quarters for inspector of ordnance, nine thousand dollars; extension of railroad system, three thousand dollars; in all, thirteen thousand dollars.

Newport.

Naval torpedo station, Newport, Rhode Island: New power house, toward building (cost not to exceed sixty thousand dollars) and equipping (cost not to exceed one hundred and twenty thousand dollars), to complete one hundred and twenty thousand dollars; paving, five thou-

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sand dollars; extension of fresh-water, steam-heating, and conduit systems, ten thousand dollars; in all, one hundred and thirty-five thousand dollars.

Hingham. Naval magazine, Hingham, Massachusetts: Improvement of channel, forty thousand dollars; one general magazine, thirteen thousand dollars; in all, fifty-three thousand dollars.

Kuahua. Naval magazine, Kuahua, Hawii: Dock, twenty-five thousand dollars; primer house, five thousand dollars; one magazine, twenty-five thousand dollars; loaded-shell house, thirty thousand dollars; fixed-ammunition house, twenty-five thousand dollars; high-explosive house, five thousand dollars; railroad tracks and scales, ten thousand dollars; electric power installation, five thousand five hundred dollars; one gunner's quarters, seven thousand dollars; fresh-water system, ten thousand dollars; machinery and tools, five thousand dollars; in all, one hundred and fifty-two thousand five hundred dollars.

Marine barracks, Philadelphia. Marine Barracks, Philadelphia, Pennsylvania: One additional fireproof barracks, one hundred and seventy-five thousand dollars.

Public roads. The Secretary of the Navy is authorized, in his discretion, to grant a permanent right of way for a public road across the Marine Corps reservation in Kitsap County, Washington, in consideration of the permanent closing of the present public road across this reservation and the transferring of all right, title, and interest therein to the United States.

Rifle range. Bremerton. For the purchase of the necessary land required in the development of a rifle range in the vicinity of the naval station, Bremerton, Washington, seven thousand dollars.

* * * * *

BUREAU OF MEDICINE AND SURGERY.

* * * * *

Medical Reserve Corps. That a Medical Reserve Corps, to be a constituent part of the Medical Department of the Navy, is hereby established under the same provisions, in all respects (except as may be necessary to adapt the said provisions to the Navy), as those providing a Medical Reserve Corps for the Army, and as set forth in the act to increase the efficiency of the Medical Department of the United States Army, approved April twenty-third, nineteen hundred and eight.

Assistant dental surgeons. That the appointment of not more than thirty assistant dental surgeons be, and the same is hereby, authorized, said assistant dental surgeons to be a part of the Medical Department of the United States Navy, to serve professionally the personnel of the naval service, and to perform such other duties as may be prescribed by competent authority.

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That all original appointments herein authorized shall be made by the Secretary of the Navy in the grade of acting assistant dental surgeon, and all appointees to such grade shall be citizens of the United States, between twenty-four and thirty-two years of age, and shall be graduates of standard medical or dental colleges trained in the several branches of dentistry, of good moral character, of unquestionable professional repute, and before appointment shall pass satisfactory physical and professional examinations, including tests of skill in practical dentistry, of proficiency in the several usual subjects in a standard dental college course, and in such other subjects of general education as are now or may hereafter be required for admission to the Medical Corps of the Navy.

Acting assistant dental surgeons, appointment of.

That at the end of three years from the passage of this act all acting assistant dental surgeons who have had two or more years' service under their original appointment, as herein provided, shall undergo such physical and competitive professional examinations as the Secretary of the Navy may prescribe to determine their fitness to receive commissions in the Navy, and if found qualified they shall be appointed assistant dental surgeons, with the rank of lieutenant (junior grade), in the order of standing as determined by the professional examinations provided for in this act.

Commissions of.

That after the competitive examinations provided for in section three of this act have been held, acting assistant dental surgeons thereafter appointed shall serve a probationary period of three years, and upon the completion of such period shall undergo such examinations as the Secretary of the Navy may prescribe to determine their fitness to receive commissions in the Navy, and, if found qualified, they shall be appointed assistant dental surgeons, with the rank of lieutenant (junior grade).

Probationary period.

That if any acting assistant dental surgeon shall fail upon the examinations prescribed in this act he shall be honorably discharged from the naval service, and the appointment of an acting dental surgeons may be revoked at any time in the discretion of the Secretary of the Navy.

Discharge.

That all appointees authorized by this act shall take rank and precedence in the same manner in all respects as in the case of appointees to the Medical Corps of the Navy, and shall not exercise command over persons in the Navy other than dental surgeons and such enlisted men as may be detailed to assist them by competent authority.

Rank and precedence.

That all officers of the dental corps authorized by this act shall receive the same pay and allowances as officers of corresponding rank and length of service in the Medical Corps of the Navy.

Compensation.

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Retirement. That all officers of the dental corps authorized by this act shall be eligible to retirement in the same manner and under the same conditions as officers of the Medical Corps of the Navy: *Provided*, That section fourteen hundred and forty-five of the Revised Statutes of the United States shall not be applicable to the officers herein authorized: *And provided further*, That the dentist now employed at the Naval Academy shall not be displaced by the operation of this act and he shall have the same official status, pay, and allowances as may be provided for the senior dental surgeon at the Military Academy.

Number. That the Secretary of the Navy is hereby authorized to appoint, for temporary service, suitably qualified acting dental surgeons when necessary to the health and efficiency of the personnel of the Naval Service: *Provided*, That the total strength of the dental corps, including those appointed for temporary service under this act, shall not exceed the proportion of one to each thousand of the authorized enlisted strength of the Navy and Marine Corps: *Provided further*, That appointments issued under authority of this act may be revoked at any time, shall have no legal force or effect except for the time the temporary appointee is in active service, and shall include no right of retirement.

That all appointments authorized by this act, except the appointment of acting dental surgeons, shall be made by the President, by and with the advice and consent of the Senate.

Tests of qualifications of. That all laws and parts of laws inconsistent with the provisions of this act be, and the same are hereby, repealed: *Provided*, That the tests of qualifications for appointment to the said reserve corps and to the dental corps may be varied to suit the subjects of such branch of the healing art or specialty of surgery of which specialists may be required and in the discretion of the Secretary of the Navy such specialists may be grouped separately: *Provided further*, That of the dental surgeons hereby authorized to be appointed to said Medical Reserve Corps and to the said Dental Corps, the whole number ordered to active duty shall not exceed the number the Secretary of the Navy may deem actually necessary to the health and efficiency of the personnel of the Navy and Marine Corps and, in time of peace, the number shall not exceed the proportion of one dental officer to one thousand of said personnel.

Position of chief pharmacist established. That pharmacists shall, after six years from date of warrant, be commissioned chief pharmacists after passing satisfactorily such examination as the Secretary of the Navy may prescribe, and shall, on promotion, have the rank, pay, and allowances of chief boatswains.

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BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: * * *

Repair of vessels (named).

Provides that "the Secretary of the Navy is hereby authorized to make expenditures from appropriate funds under the various bureaus for repairs and changes on the vessels herein named, in an amount not to exceed the sum specified for each vessel, respectively, as follows: Connecticut, two hundred and fifty thousand dollars; Vermont, three hundred thousand dollars; Albany, three hundred and fifty thousand dollars; New Orleans, three hundred and fifty thousand dollars; Minneapolis, two hundred and eighty-four thousand dollars; Columbia, two hundred and ninety-two thousand dollars; Sylvia, fourteen thousand dollars; Solace, one hundred and twenty thousand dollars; Panther, one hundred thousand dollars; Piscataqua, forty-five thousand dollars; Active, thirty-eight thousand dollars; Unadilla, forty-three thousand dollars; Uncas, thirty-three thousand dollars; Penacook, twenty-three thousand dollars; Samoset, twenty-three thousand dollars; Pompey, thirty-eight thousand dollars; Yantic, thirty-eight thousand dollars; Prometheus, or Vestal, to convert to a repair ship, three hundred and fifty thousand dollars; * * *."

Maine, relics from wreck of.

The Secretaries of War and Navy are authorized to cause to be made from any parts of the wreck of the Maine or its equipment that are suitable for the purpose tablets for donation as relics in conformity with the provisions of the Act of December twenty-second, nineteen hundred and eleven, making appropriations to supply urgent deficiencies: *Provided*, That the cost of such tablets may be charged against any unexpended balances of appropriations heretofore made for the removal of the wreck of the Maine and that the municipalities and other bodies receiving such tablets shall defray the cost thereof, which cost shall be reimbursed to the proper appropriation.

Pearl Harbor, improvement of construction plants.

IMPROVEMENT OF CONSTRUCTION PLANTS: For machine tools and appliances required for the equipment of shops, Pearl Harbor, Hawaii, two hundred thousand dollars.

BUREAU OF STEAM ENGINEERING.

Aeroplane machinery.

STEAM MACHINERY: * * * *Provided*, That the sum to be paid * * * for aeroplane machinery shall not exceed twenty thousand dollars.

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Machine tools, Pearl Harbor.

Machinery plant, naval station, Pearl Harbor, Hawaii: For machine tools and appliances required for the equipment of shops, three hundred thousand dollars.

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NAVAL ACADEMY.

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Waiters, additional.

COMMISSARY DEPARTMENT: * * * *Provided*, That such additional payments from the midshipmen's commissary fund, as the Superintendent of the Naval Academy may deem necessary, may be made to the waiters herein authorized.

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CURRENT AND MISCELLANEOUS EXPENSES, NAVAL ACADEMY: * * *.

Periodicals.

It is "*Provided*, That section thirty-six hundred and forty-eight, Revised Statutes, shall not apply to subscriptions for foreign and domestic periodicals to be paid for from this appropriation."

* * * * *

MARINE CORPS.

PAY, MARINE CORPS: * * *.

Gunnery sergeants, pay, etc., of.

It is "*Provided*, That the gunnery sergeants of the Marine Corps shall hereafter receive the same pay, and be entitled to the allowances, rank, continuous-service pay, and retired pay of a first sergeant in said corps. * * *."

Fuel.

FUEL, MARINE CORPS: For heat and light for the authorized allowance of quarters for officers and enlisted men, and other buildings and grounds pertaining to the Marine Corps; fuel, electricity, and oil for cooking, power, and other purposes; and sales to officers, one hundred and sixty-four thousand dollars. But in purchasing such articles preference shall be given to those produced in the United States but which can be procured at the same price and quality.

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Transportation.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, and of applicants for enlistment between recruiting stations and recruit depots or posts, * * *.

Enlisted men employed in making repairs, per diem to.

REPAIRS OF BARRACKS, MARINE CORPS: * * * For per diem to enlisted men employed under the direction of the Quartermaster's Department on the repair of barracks, quarters, and other public buildings on constant labor for periods of not less than ten days, * * *.

CONTINGENT, MARINE CORPS: * * *.

Disallowances, removal of for Col. T. C. Prince and Maj. W. B. Lemly.

Provides "that the accounting officers of the Treasury are hereby authorized and directed to remove the following-mentioned disallowances on the accounts of the disbursing assistant quartermasters, United States Marine Corps, namely, on account of voucher numbered twenty-four hundred and fifty-nine, in the account of Lieutenant Colonel T. C. Prince, assistant quartermaster, United States Marine Corps, retired, second quarter, nineteen

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hundred and ten, in favor of A. Buchannan, eighty-four dollars; on account of vouchers numbered two and nine, in the account of Major W. B. Lemly, assistant quartermaster, United States Marine Corps, second quarter, nineteen hundred and eleven, in favor of Simons-Mayrant Company, one thousand and seventy dollars; on account of voucher numbered two thousand and sixty-eight, third quarter, nineteen hundred and eleven, in favor of James Marcello, one hundred and fifteen dollars; on account of voucher numbered thirty-one hundred and ninety, fourth quarter, nineteen hundred and eleven, in favor of James Marcello, two hundred and forty dollars."

* * * * *

INCREASE OF THE NAVY.

That for the purpose of further increasing the Naval Establishment of the United States the President is hereby authorized to have constructed the following vessels:

One battleship.

That for the purpose of further increasing the Naval Establishment of the United States the President is hereby authorized to have constructed one first-class battleship, carrying as heavy armor and as powerful armament as any vessel of its class, to have the highest practicable speed and greatest desirable radius of action, and to cost, exclusive of armor and armament, not to exceed seven million four hundred and twenty-five thousand dollars.

Two fuel ships.

Two fuel ships to cost, exclusive of armor and armament, not to exceed one million one hundred and forty thousand dollars each, and which shall be built in navy yards, one to be built in a navy yard on the Pacific coast.

Six torpedo-boat destroyers.

Six torpedo-boat destroyers, to have the highest practicable speed, to cost, exclusive of armor and armament, not to exceed nine hundred and forty thousand dollars each.

One tender to destroyers.

One tender to destroyers to cost, exclusive of armor and armament, not to exceed one million three hundred and fifteen thousand dollars.

Eight submarines.

Eight submarine torpedo boats in an amount not exceeding in the aggregate four million four hundred and eighty thousand dollars; and the sum of one million six hundred thousand dollars is hereby appropriated for said purpose, and the Secretary of the Navy is directed to consider the advisability of stationing four of said submarine torpedo boats at or near the mouth of the Mississippi River and the United States seaports of the Gulf of Mexico as a proper naval defense thereof and the other four upon the Pacific coast.

One submarine tender.

One submarine tender, to cost not to exceed one million dollars, and the sum of four hundred thousand dollars is hereby appropriated toward said purpose.

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The Secretary of the Navy may build any or all of the vessels authorized in this act in such navy yards as he may designate, and shall build any of the vessels herein authorized in such navy yards as he may designate, should it reasonably appear that the persons, firms, or corporations, or the agents thereof, bidding for the construction of any of said vessels, have entered into any combination, agreement, or understanding, the effect, object, or purpose of which is to deprive the Government of fair, open, and unrestricted competition in letting contracts for the construction of any of said vessels.

One river gunboat.

The appropriation made by the act of May fourth, eighteen hundred and ninety-eight, for one gunboat to be built on the Great Lakes and to take the place of the United States ship Michigan (now Wolverine) is hereby made available for the construction of a river gunboat, which may, as advantage may offer, be built elsewhere than on the Great Lakes or their connecting waters.

Construction and machinery.

CONSTRUCTION AND MACHINERY: On account of hulls and outfits of vessels and steam machinery of vessels heretofore and herein authorized, nine million four hundred and forty-six thousand two hundred and five dollars.

Torpedo boats.

INCREASE OF THE NAVY; TORPEDO BOATS: On account of submarine torpedo boats heretofore authorized, nine hundred and twenty-one thousand six hundred and forty-seven dollars.

Colliers.

INCREASE OF THE NAVY; COLLIERS: On account of two fleet colliers heretofore authorized, five hundred and eighty-one thousand three hundred and twenty-one dollars and forty-eight cents.

Equipment.

INCREASE OF THE NAVY; EQUIPMENT: Toward the completion of equipment outfit of the vessels heretofore and herein authorized, three hundred and fifty-five thousand dollars.

Armor and armament.

INCREASE OF THE NAVY; ARMOR AND ARMAMENT: Toward the armor and armament for vessels heretofore and herein authorized, seven million two hundred and sixty-five thousand two hundred dollars.

Total increase of the Navy heretofore and herein authorized, tweny million five hundred and sixty-nine thousand three hundred and seventy-three dollars and forty-eight cents.

Hours of labor, limitation in.

The act entitled "An act limiting the hours of daily service of laborers and mechanics employed upon work done for the United States, or for any Territory or for the District of Columbia, and for other purposes," approved June nineteenth, nineteen hundred and twelve, shall be in force as to all contracts authorized by this act from and after the passage of this act.

Enlisted men in making repairs, duties of, limitation in.

No enlisted men or seamen, not including commissioned and warrant officers, on battleships of the Navy, when such battleships are docked or laid up at any navy

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yard for repairs, shall be ordered or required to perform any duties except such as are or may be performed by the crew while at sea or in a foreign port.

Combination, to monopolize interstate trade, prohibition against.

That no part of any sum herein appropriated shall be expended for the purchase of structural steel, ship plates, armor, armament, or machinery from any persons, firms, or corporations who have combined or conspired to monopolize the interstate or foreign commerce or trade of the United States, or the commerce or trade between the States and any Territory or the District of Columbia, in any of the articles aforesaid, and no purchase of structural steel, ship plates, or machinery shall be made at a price in excess of a reasonable profit above the actual cost of manufacture. But this limitation shall in no case apply to any existing contract.

Classified employees in bureaus not to be paid from "Increase of the Navy."

That no part of any sum herein appropriated under "Increase of the Navy" shall be used for the payment of any clerical, drafting, inspection, or messenger service or for the pay of any of the other classified force under the various bureaus of the Navy Department, Washington, District of Columbia.

Expense of Navy Department, no part of to be paid from sums appropriated by this act.

That no part of any sum appropriated by this act shall be used for any expense of the Navy Department at Washington, District of Columbia, unless specific authority is given by law for such expenditure.

Approved, August 22, 1912.

4832°—S. Doc. 428, 66-3——23

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[PUBLIC—No. 433.]

[H. R. 28812.]

AN ACT Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and fourteen, and for other purposes.

[Provision is made for the Naval Establishment, and under the headings—]

PAY OF THE NAVY.

Dental surgeon, Naval Academy.

Is added an item for "not exceeding ten clerks to accounting officers at yards and stations; dental surgeon at Naval Academy: *Provided*, That the President is hereby authorized, by and with the advice and consent of the Senate, to appoint the dentist now at the United States Naval Academy a dental surgeon in the Navy for duty at the United States Naval Academy, to have the corresponding rank, pay, and allowances as the senior dental surgeon now at the United States Military Academy: *And provided further*, That he shall not be eligible for retirement before he has reached the age of seventy years except for physical disability incurred in the line of duty; * * *."

Midshipman, time as, not to be counted as officer service.

Hereafter the service of a midshipman at the United States Naval Academy, or that of a cadet at the United States Military Academy, who may hereafter be appointed to the United States Naval Academy, or to the United States Military Academy, shall not be counted in computing for any purpose the length of service of any officer in the Navy or in the Marine Corps.

Constructive service, abolition of.

That so much of an act entitled "An act to reorganize and increase the efficiency of the personnel of the Navy and Marine Corps," approved March third, eighteen hundred and ninety-nine, which reads as follows: "and that all officers, including warrant officers, who have been or may be appointed to the Navy from civil life shall, on the date of appointment, be credited for computing their pay, with five years' service," shall not apply to any person entering the Navy from and after the passage of this act: *Provided*, That section fourteen hundred and eighty-six of the Revised Statutes shall not apply in the case of officers who enter the Navy after the passage of this act and all such officers shall take precedence when of the same grade according to their respective dates of commission in that grade.

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Aviation duty, additional pay for.

That from and after the passage and approval of this act the pay and allowances that are now or may be hereafter fixed by law for officers of the Navy and Marine Corps shall be increased thirty-five per centum for such officers as are now or may hereafter be detailed by the Secretary of the Navy on aviation duty: *Provided*, That this increase of pay and allowances shall be given to such officers only as are actual flyers of heavier-than-air craft, and while so detailed: *Provided further*, That no more than thirty officers of the Navy and Marine Corps shall be detailed to aviation service: *Provided further*, That no officer above the rank of lieutenant commander in the Navy or major in the Marine Corps shall be detailed for actual flying: *Provided further*, That nothing in this provision shall be construed to increase the total number of officers now in the Navy or Marine Corps.

Subsistence, commutation of, Nurse Corps.

That the accounting officers of the Treasury are hereby authorized and directed to allow in the accounts of disbursing officers of the Navy all payments heretofore made by them in accordance with orders or regulations of the Secretary of the Navy for commutation of subsistence to members of the Nurse Corps of the Navy at the rate therein specified.

Officers, pay on promotion.

That all officers of the Navy who, since the third day of March, eighteen hundred and ninety-nine, have been advanced or may hereafter be advanced in grade or rank pursuant to law shall be allowed the pay and allowances of the higher grade or rank from the dates stated in their commissions.

PAY, MISCELLANEOUS.

* * * * *

Employees on leave, not to be paid extra.

It is "*Provided*, * * * That employees while taking their leaves of absence shall not receive compensation for services rendered during the period of such leave of absence in addition to leave pay.

Paymaster John W. Morse, credit for funds stolen from.

That the Secretary of the Treasury be, and he is hereby, authorized and directed to credit in the accounts of Paymaster John W. Morse, United States Navy, the sum of $17,838.28, being the amount stolen from United States funds by Pay Clerk Edward V. Lee, United States Navy, and charged against the accounts of the said John W. Morse, paymaster, on the books of the Treasury Department.

Pay Director John N. Speel, credit for funds advanced by.

The Auditor for the Navy Department is hereby authorized and directed to credit to the account of Pay Director John N. Speel, United States Navy, the sum of $263.54, now standing charged against him on the books of the Treasury Department, on account of an advance made by him to Paymaster's Clerk Edward V. Lee, United States Navy, who deserted from the service before the amount could be deducted from his salary.

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BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: * * *

It is "*Provided*, That this restriction [regarding proposals] shall not apply to purchases of shells or projectiles of an experimental nature or to be used for experimental purposes and paid for from the appropriation 'Experiments, Bureau of Ordnance': * * *." Experimental shell.

For "Purchase and manufacture of smokeless powder, $1,150,000: *Provided*, That no part of any money appropriated by this act shall be expended for the purchase of powder other than small-arms powder at a price in excess of 53 cents a pound: *Provided further*, That in expenditures of this appropriation, or any part thereof, for powder, no powder shall at any time be purchased unless the powder factory at Indian Head, Maryland, shall be operated on a basis of not less than its full maximum capacity." Smokeless powder.

* * * * *

BUREAU OF EQUIPMENT.

* * * * *

Section fifteen hundred and fifty-two of the Revised Statutes of the United States, authorizing the Secretary of the Navy to establish, at such places as he may deem necessary, suitable depots for coal and other fuel for the supply of steamships of war, is hereby repealed. Fuel depots, section 1552, R. S., repealed.

DEPOTS FOR COAL AND OTHER FUEL: To complete coaling plant at Pearl Harbor, Hawaii, $306,250; heater coils in fuel oil tanks, $43,500; additional fuel oil tank at Pearl Harbor, Hawaii, $30,000; fuel oil tank at Boston, Massachusetts, $57,700; contingent for repairs and additions to existing depots for coal and other fuel, $62,550; in all, $500,000, to be available until expended. Fuel depots: Pearl Harbor. Boston.

* * * * *

PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

NAVY YARD, PORTSMOUTH, NEW HAMPSHIRE: Fitting up room for storage of cranes, $9,000; garbage crematory, $6,000; central administration building, $20,000; in all, $35,000. Portsmouth.

NAVY YARD, BOSTON, MASSACHUSETTS: Paving, to continue, $15,000; electrical system, extension, $5,000; railroad system, extension and equipment, $10,000; fireproofing of pattern shop, $22,000; remodeling building numbered forty, $12,000; remodeling building numbered seventy-seven for boat storage, $15,000; power-plant improvements, $3,900; dredging, to continue, $10,000; sewers and drains, $3,600; moving boiler shop from building numbered forty-two to building numbered one hundred and six, including necessary modifications in Boston.

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buildings, $25,000; additional oil storage, $5,000; extension to yard dispensary, $2,800; in all, navy yard, Boston, $129,300.

New York. NAVY YARD, NEW YORK, NEW YORK: Paving and grading, to continue, $15,000; yard railroad, extension and equipment, $25,000; dredging, to continue, $100,000, to be immediately available; improvement of water front, to continue, $100,000; raising freeboard of floating crane Hercules, $30,000; in all, navy yard, New York, New York, $270,000.

Philadelphia. NAVY YARD, PHILADELPHIA, PENNSYLVANIA: To complete rebuilding building numbered seven, for central offices, $50,000; electric system, extensions, $15,000; seawall protection, $12,000; water system, extensions, $15,000; sewer system, extensions, $5,000; gasoline storage plant, $10,000; paving, to continue, $10,000; railroad system, extensions and equipment, $5,000; quay wall and piers, $50,000; dredging, to continue, $40,000; runway for crane, building numbered ten, $10,000; in all, navy yard, Philadelphia, $222,000.

Washington. NAVY YARD, WASHINGTON, DISTRICT OF COLUMBIA: Water-front improvements, to complete, $35,000; paving, to continue, $2,500; sewerage, to extend, $5,000; railroad, extension, $2,500; heavy gun scales, $8,000; in all, $53,000.

Norfolk. NAVY YARD, NORFOLK, VIRGINIA: Railroad tracks, extensions, $10,000; repairs, buildings, Saint Helena, $25,000; improvements to water front, to continue, $50,000; paving and grading, to continue, $10,000; heating system, extension, $5,000; one hundred and fifty ton crane (limit of cost not exceeding $300,000), $100,000; dredging, to continue, $40,000; water system, extensions, $7,500; sewer system, extension, $5,000; lavatories and toilet facilities, $5,000; compressed-air system, extensions, $5,000; in all, navy yard, Norfolk, Virginia, $262,500.

Charleston. NAVY YARD, CHARLESTON, SOUTH CAROLINA: Paving and grading, to continue, $1,000; locomotive and crane shed, $5,000; remodeling dispensary, building numbered nineteen, $3,000; toward torpedo boat berths (to cost not exceeding $300,000), $150,000; in all, $159,000.

Mare Island. NAVY YARD, MARE ISLAND, CALIFORNIA: Grading and paving, $10,000; railway system, extensions, $5,000; salt-water flushing and fire-protection system, $25,000; reconstructing quay wall, $20,000; modernizing electric-power and light-distributing systems, $20,000; in all, $80,000.

Puget Sound. NAVY YARD, PUGET SOUND, WASHINGTON: Toward ship fitters' shop, mold loft, and structural steel storage, $120,000; power-plant extensions, $50,000; Pier Numbered Eight, to extend, $10,000; paving and walks, $10,000; linseed-oil storage tanks, $4,000; sewer system, extensions, $30,000; telephone system, extensions and renewals, $2,000; heating system, extensions and renewals, $10,000; rebuilding Pier Numbered One, $10,000; in all,

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navy yard, Puget Sound, Washington, $246,000: *Provided*, That the ship fitters' shop, mold loft, and structural steel storage, shall not exceed in cost the sum of $275,000.

NAVAL STATION, NARRAGANSETT BAY, RHODE ISLAND: For purchase of land for extension of landing facilities, $40,000. Narragansett Bay.

NAVAL STATION, OLONGAPO, PHILIPPINE ISLANDS: Steel pontoons for approach to the floating dry dock Dewey, $30,000. Olongapo.

NAVAL STATION, PEARL HARBOR, HAWAII: Water-front development, $100,000; water system, $30,000; power distribution, mains and conduits, $65,000; railroad equipment, $30,000; boat landings, $5,000; two officers' quarters, $24,000; torpedo-boat slips, $50,000; ice plant and refrigerating system, $25,000; one dry-dock crane, $100,000; marine railway, $100,000; naval hospital, to continue, $100,000; in all, $629,000. Pearl Harbor.

NAVAL STATION, GUAM: Water system extension, $25,000. Guam.

BUILDINGS AND GROUNDS, NAVAL ACADEMY: Toward the construction of wharf and approach, $50,000, and the cost of the same shall not exceed $125,000. Naval Academy.

NAVAL TRAINING STATION, RHODE ISLAND, BUILDINGS: Repairs to barracks "A," "B," and "C," $6,000; power plant and distributing systems, extension, $10,000; improvement to water front, to continue, and ferry slip, $10,000; in all, $26,000. Naval training stations.

NAVAL TRAINING STATION, CALIFORNIA: Water pipe, $10,000.

NAVAL OBSERVATORY: For cleaning, repair, and upkeep of grounds and roads, $5,000. Naval Observatory.

NAVAL PROVING GROUND, INDIANHEAD, MARYLAND: Addition to facilities, $29,000; storehouse for nitrate of soda, $15,000; in all, naval proving ground, Indianhead, $44,000. Naval proving ground.

Naval Coal depot, Melville Station, Rhode Island: Extension of wharf, $10,000; sea wall, $10,000; quarters for machinist, $5,000; paint and oil house, $1,000; in all, $26,000. Coal depot, Melville Station, improvements.

Naval magazine, New York Harbor (Iona Island): Lunch room and lockers, $2,000; blacksmith shop, $2,500; quarters for gunner, $6,000; in all, $10,500. Naval magazines. Iona Island.

Naval magazine, Fort Lafayette, New York: Extension of wharf, $6,000; auxiliary pump house for fire protection, $1,000; dredging channel, $15,000; in all, $22,000. Fort Lafayette.

Naval magazine, Lake Denmark, New Jersey: Fire and boundary wall to complete, $2,500; pump house, $1,000; in all, $3,500. Lake Denmark.

Naval magazine, Saint Juliens Creek, Virginia: Wharf and approaches, $40,000; fire-protection system, extensions, $2,500; railroad system, extensions, $4,000; in all, $46,500. St. Juliens Creek.

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Engineering experiment station, Annapolis.

Engineering experiment station, Annapolis, Maryland: Concrete sea wall, $50,000.

Naval magazines. Mare Island.

Naval magazine, Mare Island, California: One magazine building, $15,000; two filling houses, $2,400; extension of sea wall, $2,500; in all, $19,900.

Puget Sound.

For naval magazine, navy yard, Puget Sound, Washington: One building for storehouse, $15,000; clearing and grading ground, $3,000; quay wall, $15,000; one filling house, $1,500; one set of quarters for gunner, $6,000; in all, $40,500.

Torpedo stations. Newport.

Naval torpedo station, Newport, Rhode Island: Wharf and railroad, Rose Island, $20,000; improvement water front, $10,000; in all, $30,000.

Naval magazine, Hingham.

Naval magazine, Hingham, Massachusetts: Magazine for smokeless powder, with railroad approach and extended fire main, $16,555; railroad track to filling house, $1,890; one detonator house, $1,250; one gun-cotton house, $1,250; one filling house, $1,500; in all, $22,445.

Olongapo.

Naval magazine, Olongapo, Philippine Islands: Two sets of quarters, chemist and subinspector, $6,000; extension magazine, $1,300; filling house, $4,000; renewal of dock, $4,000; in all, $15,300.

Kuahua.

Naval magazine, Kuahua, Hawaii: Two magazines, $50,000; railroad tracks and scales, $15,000; one gunners' quarters, $7,000; machinery and tools, $20,000; one shipping house, $60,000; building for torpedoes and mines, $50,000; two filling houses, $16,000; one segregation house, $10,000; one bombproof, $1,500; one unfusing roof, $500; building for marine guard, $2,500; compressed air locomotive plant, $18,000; in all, $250,500.

Marine barracks, improvements. Boston. Philadelphia.

Marine barracks, Boston, Massachusetts: Barracks, $100,000; officers' quarters, $48,000; in all, $148,000.

Marine barracks, Philadelphia, Pennsylvania: Central heating plant for Marine Corps establishment, $35,000; roads, walks, sewers, and distributing systems, extensions, $15,000; in all, $50,000.

Puget Sound.

Marine barracks, Puget Sound, Washington: One set bachelor quarters, for eight officers, $35,000.

Pearl Harbor.

Marine barracks, Pearl Harbor, Hawaii: One set double quarters for officers, $18,000; quartermaster's storehouse, $25,000; post exchange, gymnasium, $20,000; in all, $63,000.

Isthmus of Panama.

Marine barracks, Isthmus of Panama: Erection of barracks, quarters, and other buildings for accommodation of marines, $400,000.

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BUREAU OF MEDICINE AND SURGERY.

* * * * *

Section four thousand eight hundred and ten of the Revised Statutes of the United States is hereby amended so as to read as follows:

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"SEC. 4810. The Secretary of the Navy shall procure at suitable places proper sites for Navy hospitals, and if the necessary buildings are not procured with the site, shall cause such to be erected, having due regard to economy, and giving preference to such plans as with most convenience and least cost will admit of subsequent additions, when the funds permit and circumstances require; and shall provide, at one of the establishments, a permanent asylum for disabled and decrepit Navy officers, seamen, and marines: *Provided*, That hereafter no sites shall be procured or hospital buildings erected or extensions to existing hospitals made unless hereafter authorized by Congress: *Provided*, That the sum of $70,000 is appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the building of a new power plant at the Naval Hospital, Chelsea, Massachusetts, said sum of money to be paid into the Treasury from the proceeds of sale of land authorized by the naval Act of June twenty-ninth, nineteen hundred and six."

Naval hospitals, sites for.

Chelsea, power plant.

* * * * *

It is "*Provided*, That a Navy Dental Reserve Corps is hereby authorized to be organized and operated under the provisions of the Act approved August twenty-second, nineteen hundred and twelve, providing for the organization and operation of a Navy Medical Reserve Corps, and differing therefrom in no respect other than that the qualification requirements of the appointees shall be dental surgeons and graduates of reputable schools of medicine or dentistry instead of 'graduates of reputable schools of medicine,' and so many of said appointees may be ordered to temporary active service as the Secretary of the Navy may deem necessary to the health and efficiency of the personnel of the Navy and Marine Corps, providing the whole number of both regular corps and reserve corps dental surgeons in active service shall not exceed, in time of peace, one to each one thousand five hundred of the said personnel, and no dental surgeon shall render service other than temporary service until his appointment shall have been confirmed by the Senate: *Provided further*, That Dental Corps officers of permanent tenure shall be appointed from the Dental Reserve Corps membership in accordance with the said provisions of the said act, and all such appointees shall be citizens of the United States between twenty-two and thirty years of age, of good moral character, of unquestionable professional repute, and before appointment shall pass satisfactory physical and professional examinations, and when appointed shall take rank and precedence in the same manner in all respects as in the case of appointees to the Medical Corps of the Navy and shall receive corresponding pay and allowances and, when they reach the age of sixty-four years, be entitled to retired pay."

Dental Reserve Corps, created.

Number and qualifications of.

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BUREAU OF SUPPLIES AND ACCOUNTS.

Provisions, contracts for to be made by individual items.

PROVISIONS, NAVY: * * * *Provided* * * *, That from and after the passage of this act all awards of contracts for provisions for the Navy shall be made by individual items; the contract for each item being awarded to the lowest responsible bidder.

Incidental expenses.

MAINTENANCE, BUREAU OF SUPPLIES AND ACCOUNTS: For fuel, books and blanks, stationery, interior fittings for general storehouses, pay offices and accounting offices in navy yards; coffee mills and repairs thereto; expenses of naval clothing factory and machinery for same; modernizing laboratory equipment and bringing same up to date; tolls, ferriages, yeomen's stores, safes, newspapers, and other incidental expenses; labor in general storehouses, paymasters' offices, and accounting offices in navy yards and naval stations, including naval stations maintained in island possessions under the control of the United States, and expenses in handling stores purchased and manufactured under general account of advances: *Provided*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for chemists and for clerical, inspection, and messenger service in the general storehouses, and paymasters' offices of the navy yards and naval stations for the fiscal year ending June thirtieth, nineteen hundred and fourteen, shall not exceed $520,000; * * *.

Naval Academy dairy, establishment of.

NAVAL ACADEMY DAIRY: For the purchase of the necessary land for the location of the Naval Academy dairy, at some point in the vicinity of Annapolis, Maryland, convenient for communication and for the transportation of dairy products from the location of the dairy to the Naval Academy, and for the transfer to new dairy site, and reerection thereon, of buildings belonging to the present dairy, the repair and alteration of such buildings as may be found on the land to be purchased, and for all other necessary purposes connected with the establishment of a dairy on such land, $100,000: *Provided*, That the cost of said land shall not exceed $75,000: *Provided further*, That the amount appropriated for this purpose shall be treated as an advance to the midshipmen's store fund at the Naval Academy, to be ultimately repaid to the United States: *And provided further*, That expenditures hereunder shall be reported by the Chief of the Bureau of Supplies and Accounts to the Secretary of the Navy in the same manner as now prescribed by law for the midshipmen's store fund.

BUREAU OF CONSTRUCTION AND REPAIR.

Repair of vessels (named).

CONSTRUCTION AND REPAIR OF VESSELS: * * * The Secretary of the Navy is hereby authorized to make expenditures from appropriate funds under the various

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bureaus for repairs and changes on the vessels herein named, in an amount not to exceed the sum specified for each vessel, respectively, as follows: North Dakota, $250,000; Minnesota, $250,000; submarine C–1, $100,000; submarine C–2, $100,000; submarine C–3, $100,000; submarine C–4, $100,000; submarine C–5, $100,000; submarine D–1, $100,000; submarine D–2, $100,000; submarine D–3, $100,000; Hannibal, $75,000; Leonidas, $100,000; Justin, $50,000; Nanshan, $75,000; Prometheus, to convert to a repair ship, $350,000; in all, $1,950,000, as per letter of the Secretary of the Navy dated November nineteenth, nineteen hundred and twelve: * * *.

Wrecking pontoon.

Wrecking pontoon: For construction or purchase of a testing and wrecking pontoon for submarines, to be available until expended, $300,000.

Construction plants. Portsmouth.

IMPROVEMENT OF CONSTRUCTION PLANTS: For repairs and improvement of machinery and implements at plant at navy yard, Portsmouth, New Hampshire, $10,000.

Boston.

For repairs and improvement of machinery and implements at plant at navy yard, Boston, Massachusetts, $20,000.

New York.

For repairs and improvement of machinery and implements at plant at navy yard, New York, New York, $20,000.

Philadelphia.

For repairs and improvement of machinery and implements at plant at navy yard, Philadelphia, Pennsylvania, $15,000.

Norfolk.

For repairs and improvement of machinery and implements at plant at navy yard, Norfolk, Virginia, $15,000.

Charleston.

For repairs and improvement of machinery and implements at plant at navy yard, Charleston, South Carolina, $10,000.

Mare Island.

For repairs and improvement of machinery and implements at plant at navy yard, Mare Island, California, $15,000.

Puget Sound.

For repairs and improvement of machinery and implements at plant at navy yard, Puget Sound, Washington, $10,000.

BUREAU OF STEAM ENGINEERING.

* * * * *

Heavy-oil engine, development of.

Provides that the unobligated balances under the appropriation "Steam machinery" for the fiscal years ending June thirtieth, nineteen hundred and twelve, and June thirtieth, nineteen hundred and thirteen, not exceeding $250,000, are hereby reappropriated and made available for the development of a type of heavy-oil engine suitable for use in one of the fuel ships authorized by the act approved August twenty-second, nineteen hundred and twelve, and the expenditure thus incurred shall not be a charge against the limit of cost of such vessel.

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Engineering experiment station, Annapolis.

Engineering experiment station, United States Naval Academy, Annapolis, Maryland * * *.

Equipment of building: For extension of steam, air, and water lines, and electric circuits; for foundations for machinery; for alternating current generating set; for purchase and installation of additional condensing apparatus for steam turbines, $26,000.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: * * *.

Officers as instructors.

That no part of any sum in this act appropriated shall be expended in the pay or allowances of any commissioned officer of the Navy detailed for duty as an instructor at the United States Naval Academy to perform duties which were performed by civilian instructors on January first, nineteen hundred and thirteen.

N. M. Terry and W. W. Johnson, appointment of, as professors of mathematics.

The President is hereby authorized, by and with the advice and consent of the Senate, to appoint Nathaniel Matson Terry and William Woolsey Johnson professors in the corps of professors of mathematics in the Navy with the rank of lieutenant as extra numbers not in the line of promotion: *Provided*, That for pay and other purposes their service as instructors or professors at the United States Naval Academy previous to being commissioned shall count as service in the Navy: *Provided further*, That for the purpose of this act limitations as to age at the time of appointment shall not apply nor shall age constitute a claim for retirement, and nothing in this act shall operate to create a claim for back pay.

Swordmaster A. J. Corbesier, appointment of, as first lieutenant.

The President is hereby authorized to appoint, by and with the advice and consent of the Senate, A. J. Corbesier, a swordmaster at the United States Naval Academy, to be a first lieutenant in the United States Marine Corps as an extra number, not in the line of promotion.

* * * * *

Servants, additional payments to.

COMMISSARY DEPARTMENT: * * * *Provided*, That hereafter such additional payments from the midshipmen's commissary fund as the superintendent of the Naval Academy may deem necessary may be made to the servants authorized in the commissary department.

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CURRENT AND MISCELLANEOUS EXPENSES, NAVAL ACADEMY: * * *.

Board of Visitors, composition of.

Hereafter the Board of Visitors of the Naval Academy shall consist of seven members of the Committee on Naval Affairs of the United States Senate and seven members of the Committee on Naval Affairs of the House of Representatives, to be appointed by the respective chairmen thereof, and the members so appointed shall visit the Naval Academy annually at such time as the chairman of the Board of Visitors shall appoint, and the

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members of each House of Congress of said board may visit said academy together or separately as the said board may elect during the session of Congress. The expenses of the members of the board shall be their actual expenses while engaged upon their duties as members of said board, not to exceed $5 per day and their actual expenses of travel by the shortest mail routes: *Provided*, That so much of chapter sixty-eight, Statutes at Large, volume twenty, page two hundred and ninety, as is inconsistent with the provisions of this act is hereby repealed. Duties of.

Expenses of the Board of Visitors of the Naval Academy, being actual expenses while engaged upon duties as members of the board not to exceed $5 a day and actual expenses of travel by the shortest mail routes, and for clerk hire, and other incidental and necessary expenses of the board, $500. Expenses of.

* * * * *

MAINTENANCE, QUARTERMASTER'S DEPARTMENT, MARINE CORPS.

PROVISIONS, MARINE CORPS: * * * *Provided*, That hereafter so much of this appropriation as may be necessary may be applied for the purchase, for sale to officers, enlisted men, and civilian employees, of such articles of subsistence stores as may from time to time be designated and under such regulations as may be prescribed by the Secretary of the Navy. Subsistence stores, sale of.

* * * * *

INCREASE OF THE NAVY.

That for the purpose of further increasing the Naval Establishment of the United States the President is hereby authorized to have constructed one first-class battleship, carrying as heavy armor and as powerful armament as any vessel of its class, to have the highest practicable speed and greatest desirable radius of action, and to cost, exclusive of armor and armament, not to exceed $7,425,000: *Provided*, That the battleship herein authorized shall be built in a Government navy yard. One battleship.

Six torpedo-boat destroyers, to have the highest practicable speed, to cost, exclusive of armor and armament, not to exceed $950,000 each. Six torpedo-boat destroyers.

Four submarine torpedo boats in an amount not exceeding in the aggregate $2,478,936; and the sum of $1,294,912 is hereby appropriated for said purpose. Four submarines.

One transport, to cost, exclusive of armor and armament, not to exceed $1,850,000. One transport.

One supply ship, to cost, exclusive of armor and armament, not to exceed $1,425,000. One supply ship.

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The Secretary of the Navy shall build the battleship authorized in this act in such navy yard as he may designate; and shall build any of the other vessels herein authorized in such navy yards as he may designate, should it reasonably appear that the persons, firms, or corporations, or the agents thereof, bidding for the construction of any of said vessels, have entered into any combination, agreement, or understanding, the effect, object, or purpose of which is to deprive the Government of fair, open, and unrestricted competition in letting contracts for the constructions of any of said vessels.

Portsmouth.

That the United States ship Portsmouth be, and hereby is, transferred to the State of California, upon condition that the said State of California, by and through its governor, accept said vessel, United States ship Portsmouth, for said State, after having been first duly authorized by the Legislature of said State of California, and upon the further condition that said vessel remain the property of said State, to be preserved and cared for by the said State of California at its own cost and expense, and the said vessel be turned over to the State authorities of California without any expense to the Government.

Construction and machinery.

CONSTRUCTION AND MACHINERY: On account of hulls and outfits of vessels and steam machinery of vessels heretofore and herein authorized, to be available until expended, $19,818,228.

Torpedo boats.

INCREASE OF THE NAVY; TORPEDO BOATS: On account of submarine torpedo boats heretofore authorized, to be available until expended, $2,058,363.

Equipment.

INCREASE OF THE NAVY; EQUIPMENT: Toward the completion of equipment outfit of the vessels heretofore and herein authorized, to be available until expended, $430,000.

Armor and armament.

INCREASE OF THE NAVY; ARMOR AND ARMAMENT: Toward the armor and armament for vessels heretofore and herein authorized, to be available until expended, $11,724,192.

Total increase of the Navy heretofore and herein authorized, to be available until expended, $35,325,695.

Combination to monopolize interstate trade, prohibition against.

That no part of any sum herein appropriated shall be expended for the purchase of structural steel, ship plates, armor, armament, or machinery from any persons, firms, or corporations who have combined or conspired to monopolize the interstate or foreign commerce or trade of the United States, or the commerce or trade between the States and any Territory or the District of Columbia, in any of the articles aforesaid, and no purchase of structural steel, ship plates, or machinery shall be made at a price in excess of a reasonable profit above the actual cost of manufacture. But this limitation shall in no case apply to any existing contract.

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That no part of any sum herein appropriated under "Increase of the Navy" shall be used for the payment of any clerical, drafting, inspection, or messenger service, or for the pay of any of the other classified force under the various bureaus of the Navy Department, Washington, District of Columbia.

Classified employees in bureau not to be paid from "Increase of the Navy."

That no part of any sum appropriated by this act shall be used for any expense of the Navy Department at Washington, District of Columbia, unless specific authority is given by law for such expenditure.

Expenses of Navy Department, no part of, to be paid from sums appropriated by this act.

Approved, March 4, 1913.

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[PUBLIC—No. 121.]

[H. R. 14034.]

An Act Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and fifteen, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending June thirtieth, nineteen hundred and fifteen, and for other purposes:

PAY, MISCELLANEOUS.

The Secretary of the Navy shall send to Congress at the beginning of its next regular session a complete schedule or list showing the amount of money of all pay and for all allowances for each grade of officers in the Navy, including retired officers, and for all officers included in this Act and for all enlisted men so included.

For commissions and interest; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of civilian employees, and for actual and necessary traveling expenses of midshipmen while proceeding from their homes to the Naval Academy for examination and appointment as midshipmen; for actual traveling expenses of female nurses; actual expenses of officers while on shore patrol duty; for rent of buildings and offices not in navy yards, including the rental of offices in the District of Columbia; expenses of courts-martial, prisoners and prisons, and courts of inquiry, boards of inspection, examining boards, with clerks' and witnesses' fees, and traveling expenses and costs; stationery and recording; religious books; expenses of purchasing paymasters' offices of the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and periodicals for the naval service; all advertising for the Navy Department and its bureaus (except advertising for recruits for the Bureau of Navigation); copying; care of library, including the purchase of books, photographs, prints, manuscripts, and periodicals; ferriage; tolls; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; recovery of valuables from shipwrecks; quarantine expenses; reports; professional investigation; cost of special instruction at home and abroad, including maintenance of students and attachés; information from abroad, and the collection and classification thereof; all charges pertaining to the Navy Department and its bureaus for ice for the cooling of drinking water on shore (except at naval hospitals), telephone rentals and tolls, telegrams, cablegrams, and postage, foreign and domestic, and post-office box rentals; and other necessary and incidental expenses: *Provided,* That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for clerical,

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inspection, and messenger service in navy yards, naval stations, and purchasing pay offices for the fiscal year ending June thirtieth, nineteen hundred and fifteen, shall not exceed $280,000; in all, $1,000,000: *Provided*, That hereafter no mileage shall be paid to any officer where Government transportation is furnished such officer.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses, exclusive of personal services in the Navy Department, or any of its subordinate bureaus or offices at Washington, District of Columbia, arising at home or abroad, but impossible to be anticipated or classified, to be expended on the approval and authority of the Secretary of the Navy, and for such purposes as he may deem proper, $150,000: *Provided*, That the accounting officers of the Treasury are hereby authorized and directed to allow, in the settlement of accounts of disbursing officers involved, payments made under the appropriation "Contingent, Navy," to civilian employees appointed by the Navy Department for duty in and serving at naval stations maintained in the island possessions during the fiscal year nineteen hundred and fifteen: *Provided further*, That the sum of $104,000, or so much thereof as may be necessary, be expended, on the approval and authority of the Secretary of the Navy, for entertaining the officers and crews of foreign fleets which may be sent to attend and participate in the Panama-Pacific International Exposition in consequence of the invitation of the President of the United States, extended in pursuance of the authority contained in the joint resolution of Congress approved February fifteenth, nineteen hundred and eleven, and of the authority contained in the Act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and twelve, and for other purposes, approved March fourth, nineteen hundred and eleven, and for defraying such other expenses incident to the visit of the said foreign fleets as the Secretary of the Navy may deem proper, and the said sum shall be available until November fifteenth, nineteen hundred and fifteen.

That the tolls that have been or may be prescribed by the President, in pursuance of the authority contained in the Panama Canal Act, approved August twenty-fourth, nineteen hundred and twelve, to be levied by the Government of the United States for the use of the Panama Canal shall not be assessed against nor collected from any war vessel of any foreign nation which may pass through the Panama Canal en route to or in returning from the Panama-Pacific International Exposition: *Provided*, That such vessel has been sent by its Government to attend and participate in the said exposition in consequence of the invitation of the President of the United States, extended in pursuance of the authority contained in the joint resolution of Congress approved February fifteenth, nineteen hundred and eleven, and of the authority contained in the Act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and twelve, and for other purposes, approved March fourth, nineteen hundred and eleven.

The Secretary of the Navy is hereby authorized and empowered to define and establish suitable anchorage grounds in Hampton Roads, Virginia, and the adjacent waters for the combined fleets of the United States and foreign Governments which may rendezvous there prior to proceeding to the Panama-Pacific International Exposition, to be held at the city and county of San Francisco, California, in the

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year nineteen hundred and fifteen, as well as to define and establish suitable anchorage grounds in the Bay of San Francisco and the approaches and waters adjacent thereto during the continuance of the said Panama-Pacific International Exposition, and the Secretary of the Navy is hereby further authorized to make such rules and regulations regarding the movements of all vessels in all of the waters named as may be necessary in order to insure the proper and orderly conduct of such features as may be planned for the combined fleets and to provide for the safety of the vessels participating therein; and such rules and regulations when so issued and published shall have the force and effect of law.

That officers who now perform engineering duty on shore only and officers of the Construction Corps shall be eligible for any shore duty compatible with their rank and grade to which the Secretary of the Navy may assign them.

CARE OF LEPERS, ISLANDS OF GUAM AND CULION: Naval station, island of Guam: Maintenance and care of lepers, special patients, and for other purposes, including cost of transfer of lepers from Guam to the island of Culion, in the Philippines, and their maintenance, $14,000.

BUREAU OF NAVIGATION.

Transportation: For travel allowance of enlisted men discharged on account of expiration of enlistment; transportation of enlisted men and apprentice seamen and applicants for enlistment at home and abroad, with subsistence and transfers en route, or cash in lieu thereof; transportation to their homes, if residents of the United States, of enlisted men and apprentice seamen discharged on medical survey, with subsistence and transfers en route, or cash in lieu thereof; transportation of sick or insane enlisted men and apprentice seamen to hospitals, with subsistence and transfers en route, or cash in lieu thereof; apprehension and delivery of deserters and stragglers, and for railway guides and other expenses incident to transportation, $850,000.

Recruiting: Expenses of recruiting for the naval service; rent of rendezvous and expenses of maintaining the same; advertising for and obtaining men and apprentice seamen; actual and necessary expenses in lieu of mileage to officers on duty with traveling recruiting parties, $130,000: *Provided*, That no part of this appropriation shall be expended in recruiting seamen, ordinary seamen, or apprentice seamen unless, in case of minors, a certificate of birth or a verified written statement by the parents, or either of them, or in case of their death a verified written statement by the legal guardian, be first furnished to the recruiting officer, showing applicant to be of age required by naval regulations, which shall be presented with the application for enlistment; except in cases where such certificate is unobtainable, enlistment may be made when the recruiting officer is convinced that oath of applicant as to age is credible; but when it is afterwards found, upon evidence satisfactory to the Navy Department, that recruit has sworn falsely as to age, and is under eighteen years of age at the time of enlistment, he shall, upon request of either parent, or, in case of their death, by the legal guardian, be released from service in the Navy, upon payment of full cost of first outfit, unless, in any given case, the Secretary, in his discretion, shall relieve

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said recruit of such payment: *Provided*, That authority is hereby granted to employ the services of an advertising agency or agencies in advertising for recruits under such terms and conditions as are most advantageous to the Government.

Any alien of the age of twenty-one years and upward who may, under existing law, become a citizen of the United States, who has served or may hereafter serve for one enlistment of not less than four years in the United States Navy or Marine Corps, and who has received therefrom an honorable discharge or an ordinary discharge, with recommendation for reenlistment, or who has completed four years in the Revenue-Cutter Service and received therefrom an honorable discharge or an ordinary discharge with recommendation for reenlistment, or who has completed four years of honorable service in the naval auxiliary service, shall be admitted to become a citizen of the United States upon his petition without any previous declaration of his intention to become such, and without proof of residence on shore, and the court admitting such alien shall, in addition to proof of good moral character, be satisfied by competent proof from naval or revenue-cutter sources of such service: *Provided*, That an honorable discharge from the Navy, Marine Corps, Revenue-Cutter Service, or the naval auxiliary service, or an ordinary discharge with recommendation for reenlistment, shall be accepted as proof of good moral character: *Provided further*, That any court which now has or may hereafter be given jurisdiction to naturalize aliens as citizens of the United States may immediately naturalize any alien applying under and furnishing the proof prescribed by the foregoing provisions.

Contingent: Ferriage, continuous-service certificates, discharges, good-conduct badges, and medals for men and boys; purchase of gymnastic apparatus; transportation of effects of deceased officers and enlisted men of the Navy; books for training apprentice seamen and landsmen; maintenance of gunnery and other training classes; packing boxes and materials; books and models; stationery; and other contingent expenses and emergencies arising under cognizance of the Bureau of Navigation, unforeseen and impossible to classify, $15,000.

Gunnery exercises: Prizes, trophies, and badges for excellence in gunnery exercises and target practice; for the establishment and maintenance of shooting galleries, target houses, targets, and ranges; for hiring established ranges, and for transportation of civilian assistants and equipment to and from ranges, $115,000.

Steaming exercises: Prizes, trophies, and badges for excellence in steaming exercises, to be awarded to the ships in commission for general efficiency and for economy in coal consumption, under such rules as the Secretary of the Navy may formulate, and for the purpose of classifying, compiling, and publishing the results of the competition, $6,500.

Aviation experiments: For experimental work in the development of aviation for naval purposes, $10,000.

OUTFITS ON FIRST ENLISTMENT: Outfits for all enlisted men and apprentice seamen of the Navy on first enlistment, at not to exceed $60 each, $800,000: *Provided*, That the Secretary of the Navy is authorized to issue a clothing outfit to all enlisted men serving in their second enlistment who failed to receive an outfit of the value authorized by law on their first enlistment, or who, having received

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such outfit, were required to refund its value on account of discharge prior to expiration of enlistment: *Provided further*, That the net cost to the Government of clothing outfits furnished any one enlisted man shall not exceed $60.

MAINTENANCE OF NAVAL AUXILIARIES: Pay, transportation, shipping, and subsistence of civilian officers and crews of naval auxiliaries, and all expenses connected with naval auxiliaries employed in emergencies which can not be paid from other appropriations, $800,000.

Instruments and supplies: Supplies for seamen's quarters; aviation outfits; and for the purchase of all other articles of equipage at home and abroad, and for the payment of labor in equipping vessels therewith and manufacture of such articles in the several navy yards; all pilotage and towage of ships of war; canal tolls, wharfage, dock and port charges, and other necessary incidental expenses of a similar nature; services and materials in repairing, correcting, adjusting, and testing compasses on shore and on board ship; nautical and astronomical instruments and repairs to same; libraries for ships of war, professional books, schoolbooks, and papers; compasses, compass fittings, including binnacles, tripods, and other appendages of ship's compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; photographs, photographic instruments and materials, printing outfit and materials, $305,000.

Ocean and lake surveys.—Hydrographic surveys, including the pay of the necessary hydrographic surveyors, cartographic draftsmen and recorders, and for the purchase of nautical books, charts, and sailing directions, $90,000: *Provided*, That the Secretary of the Navy is authorized to detail such naval officers not exceeding four as may be necessary to the Hydrographic Office.

NAVAL TRAINING STATION, CALIFORNIA: Maintenance of naval training station, Yerba Buena Island, California, namely: Labor and material; buildings and wharves; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same; fire engines and extinguishers; gymnastic implements, models and other articles needed in instruction of apprentice seamen; printing outfit and materials, and maintenance of same; heating and lighting; stationery, books, schoolbooks, and periodicals; fresh water, and washing; packing boxes and materials; and all other contingent expenses; maintenance of dispensary building; lectures and suitable entertainments for apprentice seamen; in all, $70,000.

NAVAL TRAINING STATION, RHODE ISLAND: Maintenance of naval training station, Coasters Harbor Island, Rhode Island, namely: Labor and material; buildings and wharves; dredging channels; extending sea wall; repairs to causeway and sea wall; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same; fire engines and extinguishers; gymnastic implements; models and other articles needed in instruction of apprentice seamen; printing outfit and materials, and maintenance of same; heating and lighting; stationery, books, schoolbooks, and pe-

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riodicals; fresh water, and washing; packing boxes and materials; and all other contingent expenses; lectures and suitable entertainments for apprentice seamen; in all, $85,000: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, drafting, inspection, and messenger service for the fiscal year ending June thirtieth, nineteen hundred and fifteen, shall not exceed $5,701.60.

NAVAL TRAINING STATION, GREAT LAKES: Maintenance of naval training station: Labor and material; general care, repairs, and improvements of grounds, buildings, and piers; street car fare; purchase and maintenance of live stock, and attendance on same; motor-propelled vehicles, wagons, carts, implements, and tools, and repairs to same; fire apparatus and extinguishers; gymnastic implements; models and other articles needed in instruction of apprentice seamen; printing outfit and material, and maintenance of same; heating and lighting, and repairs to power-plant equipment, distributing mains, tunnel, and conduits; stationery, books, schoolbooks, and periodicals; washing; packing boxes and materials; lectures and suitable entertainments for apprentice seamen; and all other contingent expenses: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, drafting, inspection, and messenger service for the fiscal year ending June thirtieth, nineteen hundred and fifteen, shall not exceed $1,500; in all, naval training station, Great Lakes, $98,457.

NAVAL TRAINING STATION, SAINT HELENA: Maintenance of naval training station; labor and material, general care, repairs, and improvements; schoolbooks; and all other incidental expenses, $25,000.

NAVAL WAR COLLEGE, RHODE ISLAND: For maintenance of the Naval War College on Coasters Harbor Island, and care of grounds for same, $25,250; services of a lecturer on international law, $2,000; services of civilian lecturers, rendered at the War College, $300; care and preservation of the library, including the purchase, binding, and repair of books of reference and periodicals, $1,300: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, inspection, drafting, and messenger service for the fiscal year ending June thirtieth, nineteen hundred and fifteen, shall not exceed $12,500. In all, Naval War College, Rhode Island, $28,850.

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA, PAY OF EMPLOYEES: One secretary, $1,600; one foreman mechanic, $1,500; one superintendent of grounds, at $720; one steward, at $720; one store laborer, at $480; one matron, at $420; one beneficiaries' attendant, at $300; one chief cook, at $480; one assistant cook, at $360; one assistant cook, at $300; one chief laundress, at $240; five laundresses, at $192 each; four scrubbers, at $192 each; one head waitress, at $300; eight waitresses, at $192 each; one kitchen servant, at $360; eight laborers, at $360 each; one stable keeper and driver, at $480; one master-at-arms, at $720; two house corporals, at $300 each; one barber, at $360; one carpenter, at $846; one painter, at $846; one painter, at $720; one engineer for elevator and machinery, $720; five laborers, at $540 each; one laborer, at $420; one laborer, at $360; total for employees, $22,696.

MAINTENANCE: Water rent, heating, and lighting; cemetery, burial expenses and headstones; general care and improvements of

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grounds, buildings, walls, and fences; repairs to power plant equipment, implements, tools, and furniture, and purchase of the same; music in chapel and entertainments for beneficiaries; stationery, books, and periodicals; transportation of indigent and destitute beneficiaries to the Naval Home, and of sick and insane beneficiaries, their attendants and necessary subsistence for both, to and from other Government hospitals; employment of such beneficiaries in and about the Naval Home as may be authorized by the Secretary of the Navy, on the recommendation of the governor; support of beneficiaries, and all other contingent expenses, $54,421; in all, for Naval Home, $77,117, which sum shall be paid out of the income from the naval pension fund: *Provided*, That all moneys derived from the sale of material at the Naval Home, which was originally purchased from moneys appropriated from the income from the naval pension fund, and all moneys derived from the rental of Naval Home property, shall be turned into the naval pension fund: *And provided further*, That hereafter all moneys belonging to a deceased beneficiary of the Naval Home or derived from the sale of his personal effects, not claimed by his legal heirs or next of kin, shall be deposited with the pay officer of the Naval Home, and if any sum so deposited has been or shall hereafter be unclaimed for a period of two years from the death of such beneficiary it shall be deposited in the Treasury to the credit of the naval pension fund: *And provided further*, That the governor of the Naval Home is hereby authorized and directed, under such regulations as may be prescribed by the Secretary of the Navy, to make diligent inquiry in every instance after the death of an inmate to ascertain the whereabouts of his heirs or next of kin: *And provided further*, That claims may be presented hereunder at any time within five years after moneys have been so deposited in the Treasury, and, when supported by competent proof in any case after such deposit in the Treasury, shall be certified to Congress for consideration: *And provided further*, That the pensions of beneficiaries of the Naval Home shall be disposed of in the same manner as prescribed for inmates of the Soldiers' Home, as provided for in section four of the Act approved March third, eighteen hundred and eighty-three, under such regulations as the Secretary of the Navy may prescribe, except that in the case of death of any beneficiary leaving no heirs at law nor next of kin any pension due him shall, subject to the foregoing provisions, escheat to the naval pension fund.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel, material, and labor to be used in the general work of the Ordnance Department; for furniture at naval magazines, torpedo stations, and proving ground; for maintenance of the proving ground and powder factory and for target practice, and for pay of chemists, clerical, drafting, inspection, and messenger service in navy yards, naval stations, and naval magazines: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for chemists, clerical, drafting, inspection, watchmen, and messenger service in navy yards, naval stations, and naval magazines for the fiscal year ending June thirtieth, nineteen hundred and

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fifteen, shall not exceed $468,000. In all, $5,800,000: *Provided*, That hereafter no part of any appropriation shall be expended for the purchase of shells or projectiles for the Navy except for shells or projectiles purchased in accordance with the terms and conditions of proposals submitted by the Secretary of the Navy to all the manufacturers of shells and projectiles and upon bids received in accordance with the terms and requirements of such proposals: *Provided*, That this restriction shall not apply to purchases of shells or projectiles of an experimental nature or to be used for experimental purposes and paid for from the appropriation "Experiments, Bureau of Ordnance": *Provided*, That hereafter the Secretary of the Navy is hereby authorized to make emergency purchases of war material abroad: *And provided further*, That when such purchases are made abroad, this material shall be admitted free of duty.

Purchase and manufacture of smokeless powder, $1,150,000: *Provided*, That no part of any money appropriated by this Act shall be expended for the purchase of powder other than small-arms powder at a price in excess of 53 cents a pound: *Provided further*, That in expenditures of this appropriation, or any part thereof, for powder, no powder shall at any time be purchased unless the powder factory at Indianhead, Maryland, shall be operated on a basis of not less than its full maximum capacity.

FOR NAVAL GUN FACTORY, WASHINGTON, DISTRICT OF COLUMBIA: New and improved machinery for existing shops, $75,000.

For modifying or renewing breech mechanisms of three-inch, four-inch, five-inch, and six-inch guns, to be available until June thirtieth, nineteen hundred and sixteen, $75,000.

For replacing Mark VI six-inch guns with Mark VIII guns and repairing and modernizing the Mark VI guns for issue, to be available until June thirtieth, nineteen hundred and sixteen, $150,000.

For liners for eroded guns, to be available until June thirtieth, nineteen hundred and sixteen, $100,000.

For modifying five-inch fifty-caliber Mark V guns, $65,000.

AMMUNITION FOR SHIPS OF THE NAVY: For procuring, producing, preserving, and handling ammunition for issue to ships, $3,178,890, to be available until expended.

TORPEDOES AND APPLIANCES: For the purchase and manufacture of torpedoes and appliances, to be available until June thirtieth, nineteen hundred and seventeen, $1,000,000.

TORPEDO STATION, NEWPORT, RHODE ISLAND: For labor and material; general care of and repairs to grounds, buildings, and wharves; boats, instruction, instruments, tools, experiments, and general torpedo outfits, $80,000.

For new and improved machinery and tools for torpedo factory, $15,000.

EXPERIMENTS, BUREAU OF ORDNANCE: For experimental work in the development of armor-piercing and torpedo shell and other projectiles, fuses, powders, and high explosives, in connection with problems of the attack of armor with direct and inclined fire at various ranges, including the purchase of armor, powder, projectiles, and fuses for the above purposes and of all necessary material and labor in connection therewith; and for other experimental work under the cognizance of the Bureau of Ordnance in connection with the development of ordnance material for the Navy, $150,000.

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ARMING AND EQUIPPING NAVAL MILITIA: For arms, accouterments, ammunition, medical outfits, fuel, water for steaming purposes, and clothing, and the printing or purchase of necessary books of instruction, expenses in connection with the organizing and training of the Naval Militia of the various States, Territories, and the District of Columbia, under such regulations as the Secretary of the Navy may prescribe, $125,000.

REPAIRS, BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, wharves, machinery, and other items of like character, $30,000.

CONTINGENT, BUREAU OF ORDNANCE: For miscellaneous items, namely: Cartage, expenses of light and water at magazines and stations, tolls, ferriage, technical books, and incidental expenses attending inspection of ordnance material, $9,500.

BUREAU OF YARDS AND DOCKS.

MAINTENANCE, BUREAU OF YARDS AND DOCKS: For general maintenance of yards and docks, namely: For books, maps, models, and drawings; purchase and repair of fire engines; fire apparatus and plants; machinery; purchase and maintenance of horses and driving teams; carts, timber wheels, and all vehicles, including motor-propelled vehicles for freight-carrying purposes only for use in the navy yards; tools and repair of the same; stationery: furniture for Government houses and offices in navy yards and naval stations; coal and other fuel; candles, oil, and gas; attendance on light and power plants; cleaning and clearing up yards and care of buildings; attendance on fires, lights, fire engines, and fire apparatus and plants; incidental labor at navy yards; water tax, tolls, and ferriage; pay of watchmen in navy yards; awnings and packing boxes; and for pay of employees on leave, $1,600,000: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, inspection, drafting, messenger, and other classified work in the navy yards and naval stations for the fiscal year ending June thirtieth, nineteen hundred and fifteen, shall not exceed $425,000.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses and minor extensions and improvements of public works at navy yards and stations, $50,000.

PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

NAVY YARD, BOSTON, MASSACHUSETTS: Improvement of sanitation system, including wash rooms, lockers, and water-closets, $12,000; additional transportation facilities, $10,000; in all, navy yard, Boston, $22,000.

That the unobligated balance under the appropriation, Marine Barracks, Boston, Massachusetts, for the fiscal year ending June thirtieth, nineteen hundred and fourteen, not exceeding $148,000, is hereby made available for building slip and equipment.

NAVY YARD, NEW YORK, NEW YORK: Paving and grading, to continue, $15,000; yard railroad, extension and equipment, $15,000; to complete Pier D, $25,000; toward construction of Pier C (cost not to exceed $150,000), $65,000; distributing system, extensions, to con-

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tinue, including separator receivers, $15,000; extend second floor mold loft, $8,500; in all, navy yard, New York, New York, $143,500.

NAVY YARD, PHILADELPHIA, PENNSYLVANIA: Quay walls and piers, $50,000; power plant improvement (to install rotary converters), $15,000; building slip and equipment, $200,000; in all, navy yard, Philadelphia, $265,000.

NAVY YARD, WASHINGTON, DISTRICT OF COLUMBIA: Fireproof general storehouse (cost not to exceed $225,000), $100,000.

NAVY YARD, NORFOLK, VIRGINIA: Repairs, buildings, Saint Helena, $25,000; the one hundred and fifty ton crane authorized by the Act of March fourth, nineteen hundred and thirteen, shall be of the floating revolving type, and the limit of cost is hereby increased to $450,000.

NAVY YARD, CHARLESTON, SOUTH CAROLINA: To complete torpedo boat berths (to cost not exceeding $300,000), $150,000; dredging, to continue, $20,000; sewer system, extensions, $5,000; conduit system, extensions, to continue, $5,000; in all, $180,000.

The Secretary of the Navy is hereby authorized to pay, from appropriation "Contingent, Bureau of Yards and Docks," for the fiscal year nineteen hundred and thirteen, voucher in favor of The Vilter Manufacturing Company for $4,937 for an ice-making and refrigerating plant for the naval disciplinary barracks, Port Royal, South Carolina, furnished by said company under contract dated April twenty-third, nineteen hundred and thirteen, with the Secretary of the Navy; and the accounting officers of the Treasury are hereby authorized and directed to allow in the accounts of Passed Assistant Paymaster D. W. Rose credit for payments amounting to $1,184 made by him to said company under contract dated November fifth, nineteen hundred and thirteen, from appropriation "Contingent, Bureau of Yards and Docks," for the fiscal year nineteen hundred and fourteen, on account of said ice-making and refrigerating plant.

NAVY YARD, MARE ISLAND, CALIFORNIA: To complete quay wall, $20,000; modernizing electric-power and light-distributing systems, $10,000; improvement of hydraulics, Mare Island Straits, in accordance with report submitted in House Document Numbered Eleven hundred and three, Sixtieth Congress, second session, and such modifications as may be made therein in pursuance of the authority contained in the Act making appropriations to supply urgent deficiencies in appropriations for the fiscal year ending June thirtieth, nineteen hundred and thirteen, and for other purposes, approved October twenty-second, nineteen hundred and thirteen (limit of cost $507,000), to complete, $207,000; dredging and diking, to continue, $20,000; in all, $257,000.

NAVY YARD, PUGET SOUND, WASHINGTON: To complete ship fitters' shop, mold loft, and structural steel storage, $155,000.

NAVAL STATION, NARRAGANSETT BAY, RHODE ISLAND: Water-front improvements, $10,000.

NAVAL STATION, GUANTANAMO, CUBA: Quarters for civilian employees, $8,000; recreation building for enlisted men, $30,000; in all, $38,000.

NAVAL STATION, PEARL HARBOR, HAWAII: Four officers' quarters, $20,000; to complete torpedo-boat slips, $50,000; in all, $70,000.

The limit of cost of the dry dock at the naval station, Pearl Harbor, Hawaii, is hereby increased to $4,986,500.

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NAVAL PROVING GROUND, INDIANHEAD, MARYLAND: Toward extension of powder factory (cost not to exceed $500,000), $200,000.

BUILDINGS AND GROUNDS, NAVAL ACADEMY: To complete the construction of wharf and approach, $75,000.

DEPOTS FOR COAL AND OTHER FUEL: For additional fuel-oil storage at Melville, Rhode Island, $20,000; additional fuel-oil storage at Norfolk, Virginia, $150,000; fuel-oil storage at San Diego, California, $50,000; steel coaling tower at San Diego, California, $45,000; fuel-oil storage at Puget Sound, Washington, $105,000; fuel-oil storage, San Francisco Bay, California, $100,000; contingent, $30,000; in all, $500,000.

NAVAL DISCIPLINARY BARRACKS: For the extension and development of the detention system of reforming and disciplining enlisted men of the Navy and Marine Corps convicted by general courts-martial to be used as the Secretary of the Navy may direct at naval disciplinary barracks, Port Royal, South Carolina, and naval disciplinary barracks, navy yard, Puget Sound, Washington, $75,000.

Naval torpedo station, Newport, Rhode Island: One assembly shop, $100,000; one torpedo storehouse, $85,000; one machine shop, $75,000; in all, $260,000.

REPAIRS AND PRESERVATION AT NAVY YARDS AND STATIONS: For repairs and preservation at navy yards, coaling depots, coaling plants, and stations, $1,100,000.

Total public works, navy yards, naval stations, naval proving grounds, depots for coal and other fuel, Naval Academy, Naval Observatory, and Marine Corps, $3,475,500, and the amounts herein appropriated for public works, except for the Naval Observatory and for repairs and preservation at navy yards and stations, shall be available until expended.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy yards, naval stations, Marine Corps, and for the civil establishment at the several naval hospitals, navy yards, naval medical supply depots, Naval Medical School, Washington, and Naval Academy, $510,000.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For tolls and ferriages; care, transportation, and burial of the dead; purchase of books and stationery, binding of medical records, unbound books, and pamphlets; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of wagons, automobile ambulances, and harness; purchase of and feed for horses and cows; trees, plants, garden tools, and seeds; incidental articles for the Naval Medical School and naval dispensary, Washington; rent of rooms for naval dispensary, Washington, District of Columbia, not to exceed $1,200; naval medical supply depots, sick quarters at Naval Academy and marine barracks; washing for medical department at Naval Medical School and naval dispensary, Washington; naval medical supply depots, sick quarters at Naval Academy and marine barracks, dispensaries at navy yards and naval stations, and ships; and for minor repairs on buildings and grounds of the United States Naval Medical School and naval medical supply depots;

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for the care, maintenance, and treatment of the insane of the Navy and Marine Corps on the Pacific coast; for dental outfits and dental material, not to exceed $38,000, and all other necessary contingent expenses; in all $142,000: *Provided*, That the expenditure of $40,000 is hereby authorized from the naval hospital fund for such temporary structures and equipment of the naval hospitals at Mare Island and Puget Sound as may be necessary to make especial preparation for the sick of the Navy and visiting fleets at the time of the Panama-Pacific International Exposition, and to relieve the present crowded condition of those institutions.

TRANSPORTATION OF REMAINS: To enable the Secretary of the Navy, in his discretion, to cause to be transferred to their homes the remains of officers and enlisted men of the Navy and Marine Corps who die or are killed in action ashore or afloat, and also to enable the Secretary of the Navy, in his discretion, to cause to be transported to their homes the remains of civilian employees who die outside of the continental limits of the United States, $15,000: *Provided*, That the sum herein appropriated shall be available for payment for transportation of the remains of officers and men who have died while on duty at any time since April twenty-first, eighteen hundred and ninety-eight, and shall be available until June thirtieth, nineteen hundred and sixteen.

In all, Bureau of Medicine and Surgery, $667,000.

BUREAU OF SUPPLIES AND ACCOUNTS.

PAY OF THE NAVY: Pay and allowances prescribed by law of officers on sea duty and other duty, $10,287,744; officers on waiting orders, $500,000; officers on the retired list, $3,099,433; clerks to paymasters at yards and stations, general storekeepers ashore and afloat, and receiving ships and other vessels, $320,520; two clerks to general inspectors of the Pay Corps, $3,625; one clerk to pay officer in charge of deserters' rolls, $2,000; not exceeding ten clerks to accounting officers at yards and stations, $17,355; dental surgeon at Naval Academy, $2,400; commutation of quarters for officers on shore not occupying public quarters, including boatswains, gunners, carpenters, sailmakers, machinists, pharmacists, and mates, naval constructors and assistant naval constructors, $499,000; and also members of Nurse Corps (female), $14,120; for hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them, or commutation of quarters not to exceed the amount which an officer would receive were he not serving with troops, $1,000; pay of enlisted men on the retired list, $359,127; extra pay to men reenlisting under honorable discharge, $964,812; interest on deposits by men, $34,568; pay of petty officers, seamen, landsmen, and apprentice seamen, including men in the engineers' force and men detailed for duty with Naval Militia, and for the Fish Commission, forty-eight thousand men, $23,027,777.40; and the number of enlisted men shall be exclusive of those undergoing imprisonment with sentence of dishonorable discharge from the service at expiration of such confinement, $283,854.60; and as many machinists as the President may from time to time deem necessary to appoint, not to exceed

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twenty in any one year, $200,000; and three thousand five hundred apprentice seamen under training at training stations, and on board training ships, at the pay prescribed by law, $275,808; pay of the Nurse Corps, $116,580; rent of quarters for members of the Nurse Corps, $1,000; in all, $40,010,724; and the money herein specifically appropriated for "Pay of the Navy" shall be disbursed and accounted for in accordance with existing law as "Pay of the Navy," and for that purpose shall constitute one fund: *Provided*, That hereafter the number of enlisted men of the Navy and Marine Corps provided for shall be construed to mean the daily average number of enlisted men in the naval service during the fiscal year.

The grade of acting chaplain in the Navy is hereby authorized and created, and hereafter original appointments shall be made by the Secretary of the Navy, not to exceed the number hereinafter provided, in the grade of acting chaplains in the Navy after such examination as may be prescribed by the Secretary of the Navy, and while so serving acting chaplains shall have the rank, pay, and allowances of lieutenant, junior grade, in the Navy. After three years' sea service on board ship each acting chaplain before receiving a commission in the Navy shall establish to the satisfaction the Secretary of the Navy by examination by a board of chaplains and medical officers of the Navy his physical, mental, moral, and professional fitness to perform the duties of chaplain in the Navy, and if found so qualified, shall be commissioned a chaplain in the Navy with the rank of lieutenant, junior grade. If any acting chaplain shall fail on the examinations herein prescribed he shall be honorably discharged from the naval service, and the appointment of any acting chaplain may be revoked at any time in the discretion of the Secretary of the Navy.

Hereafter the total number of chaplains and acting chaplains in the Navy shall be one to each twelve hundred and fifty of the total personnel of the Navy and Marine Corps as fixed by law, including midshipmen, apprentice seamen, and naval prisoners, and of the total number of chaplains and acting chaplains herein authorized ten per centum thereof shall have the rank of captain in the Navy, twenty per centum the rank of commander, twenty per centum the rank of lieutenant commander, and the remainder to have the rank of lieutenants and lieutenants, junior grade.

Naval chaplains hereafter commissioned from acting chaplains shall have the rank, pay, and allowances of lieutenant, junior grade, in the Navy until they shall have completed four years' service in that grade, when, subject to examination as above prescribed, they shall have the rank, pay, and allowances of lieutenant in the Navy, and chaplains with the rank of lieutenant shall have at least four years' service in that grade before promotion to the grade of lieutenant commander, after which service, chaplains shall be promoted as vacancies occur to the grades of lieutenant commander, commander, and captain: *Provided*, That not more than seven acting chaplains shall be commissioned chaplains in any one year: *And provided further*, That no provision of this section shall operate to reduce the rank, pay, or allowances that would have been received by any person in the Navy except for the passage of this section, and that all laws or parts of laws inconsistent with the provisions of this section be, and the same are hereby, repealed.

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PROVISIONS, NAVY: For provisions and commuted rations for the seamen and marines, which commuted rations may be paid to caterers of messes, in case of death or desertion, upon orders of the commanding officers, commuted rations for officers on sea duty (other than commissioned officers of the line, Medical and Pay Corps, chaplains, chief boatswains, chief gunners, chief carpenters, chief machinists, and chief sailmakers) and midshipmen, and commuted rations stopped on account of sick in hospital and credited at the rate of 50 cents per ration to the naval hospital fund; subsistence of officers and men unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for commutation therefor to be given); and for subsistence of female nurses, and Navy and Marine Corps general courts-martial prisoners undergoing imprisonment with sentences of dishonorable discharge from the service at the expiration of such confinement: *Provided*, That the Secretary of the Navy is authorized to commute rations for such general courts-martial prisoners in such amounts as seem to him proper, which may vary in accordance with the location of the naval prison, but which shall in no case exceed 30 cents per diem for each ration so commuted; and for the purchase of United States Army emergency rations as required; in all, $7,713,954.50, to be available until the close of the fiscal year ending June thirtieth, nineteen hundred and sixteen.

PROVISIONS, NAVY: The accounting officers of the Treasury are hereby authorized and directed to allow members of the Navy Nurse Corps the amounts which as commutation of subsistence have been at any time checked against their accounts or withheld from them as the result of the decisions of the comptroller dated December twenty-first, nineteen hundred and twelve, and April twenty-ninth, nineteen hundred and thirteen, and to pay said sums out of any appropriation for provisions, Navy.

MAINTENANCE, BUREAU OF SUPPLIES AND ACCOUNTS: For fuel; the removal and transportation of ashes from ships of war; books, blanks, and stationery, including stationery for commanding and navigating officers of ships, chaplains on shore and afloat, and for the use of courts-martial on board ship; purchase, repair, and exchange of typewriters for ships; packing boxes and materials; interior fittings for general storehouses, pay offices, and accounting offices in navy yards; coffee mills and repairs thereto; expenses of naval clothing factory and machinery for the same; modernizing laboratory equipment and bringing the same up to date; purchase of articles of equipage at home and abroad under the cognizance of the Bureau of Supplies and Accounts, and for the payment of labor in equipping vessels therewith, and the manufacture of such articles in the several navy yards; muscial instruments and music; mess outfits; soap on board naval vessels; athletic outfits; tolls, ferriages, yeomen's stores, safes, newspapers, and other incidental expenses; labor in general storehouses, paymasters' offices, and accounting offices in navy yards and naval stations, including naval stations maintained in island possessions under the control of the United States, and expenses in handling stores purchased and manufactured under "General account of advances"; and reimbursement to appropriations of the Department of Agriculture of cost of inspection of meats and meat food products for the Navy Department: *Provided*, That the sum to be

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paid out of this appropriation, under the direction of the Secretary of the Navy, for chemists and for clerical, inspection, and messenger service in the general storehouses, paymasters' offices, and accounting offices of the navy yards and naval stations for the fiscal year ending June thirtieth, nineteen hundred and fifteen, shall not exceed $643,000; in all, $2,031,487.25.

FREIGHT, BUREAU OF SUPPLIES AND ACCOUNTS: All freight and express charges pertaining to the Navy Department and its bureaus, except the transportation of coal for the Bureau of Supplies and Accounts, $525,000.

COAL AND TRANSPORTATION: Coal and other fuel for steamers' and ships' use, including expenses of transportation, storage, and handling the same; maintenance and general operation of machinery of naval coaling depots and coaling plants; water for all purposes on board naval vessels; and ice for the cooling of water, including the expense of transportation and storage of both, $4,800,000.

Those portions of the Acts of June twenty-fifth, nineteen hundred and ten, and March fourth, nineteen hundred and eleven, which create the "Naval supply account" under the Bureau of Supplies and Accounts, are hereby so modified and amended that hereafter the appraised value of all stores, equipage, and supplies turned in from ships, and ships' equipage turned in from yards or stations (except salvage), shall be credited to the current appropriations concerned, and the amounts so credited shall be available for expenditures for the same purposes as the appropriations credited; and all Acts or parts of Acts in so far as they conflict with this provision are hereby repealed.

BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; steam steerers, pneumatic steerers, steam capstans, steam windlasses, air craft, and all other auxiliaries; labor in navy yards and on foreign stations; purchase of machinery and tools for use in shops; carrying on work of experimental model tank; designing naval vessels; construction and repair of yard craft, lighters, and barges; wear, tear, and repair of vessels afloat; general care, increase, and protection of the Navy in the line of construction and repair; incidental expenses for vessels and navy yards, inspectors' offices, such as photographing, books, professional magazines, plans, stationery, and instruments for drafting room, and for pay of classified force under the bureau; for hemp, wire, iron, and other materials for the manufacture of cordage, anchors, cables, galleys, and chains; specifications for purchase thereof shall be so prepared as shall give fair and free competition; canvas for the manufacture of sails, awnings, hammocks, and other work; interior appliances and tools for manufacturing purposes in navy yards and naval stations; and for the purchase of all other articles of equipage at home and abroad; and for the payment of labor in equipping vessels therewith and manufacture of such articles in the several navy yards; naval signals and apparatus, other than electric, namely, signals, lights, lanterns, rockets, running lights, lanterns and lamps and their appendages for general use on board ship for illuminating purposes, and oil and candles used in connection therewith; bunting and other materials for making

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and repairing flags of all kinds; for all permanent galley fittings and equipage; rugs, carpets, curtains, and hangings on board naval vessels, $9,788,000: *Provided*, That the Secretary of the Navy be authorized at his discretion to issue free of cost the national flag (United States national ensign No. 7) used for draping the coffin of any officer or enlisted man of the Navy or Marine Corps whose death occurs while in the service of the United States Navy or Marine Corps, upon request, to the relatives of the deceased officer or enlisted man or upon request, to a school, patriotic order, or society to which the deceased officer or man belonged: *Provided further*, That no part of this sum shall be applied to the repair of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed ten per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided further*, That no part of this sum shall be applied to the repair of any other ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed twenty per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to order repairs of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home. And the Secretary of the Navy is hereby authorized to make expenditures from appropriate funds under the various bureaus for repairs and changes on the vessel herein named in an amount not to exceed the sum specified for said vessel, Constellation, $50,000: *Provided further*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for clerical, drafting, inspection, watchmen (ship keepers), and messenger service in navy yards, naval stations, and offices of superintending naval constructors for the fiscal year ending June thirtieth, nineteen hundred and fifteen, shall not exceed $958,100: *Provided further*, That the Secretary of the Navy is hereby authorized to enter into contract for the use by the Government of drydocks at Hunters Point, San Francisco, California, one of which docks shall be capable of docking the largest vessel that can be passed through the locks of the Panama Canal, for a period not to exceed six years from completion of such dock, at a compensation of $50,000 per annum during said period of six years, the right of the Government to the use of said docks in time of war to be prior and paramount: *Provided*, That the construction of the large dock shall be undertaken immediately upon entering into this contract and shall be completed within twenty-four months thereafter: *And provided further*, That said contract shall provide for docking rates not in excess of commercial rates, and for such other conditions as may be prescribed by the Secretary of the Navy, prior to entering into such contract: *And provided further*, That in the event, during the said contract period of six years, the necessities of the fleet require the docking of vessels which will necessitate a charge greater than $50,000 per annum, the Secretary of the Navy is authorized to have said vessel docked at a rate of charge not greater than price stipulated in said contract.

IMPROVEMENT OF CONSTRUCTION PLANTS: For repairs and improvement of machinery and implements at plant at navy yard, Portsmouth, New Hampshire, $10,000.

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For repairs and improvement of machinery and implements at plant at navy yard, Boston, Massachusetts, $10,000.

For repairs and improvement of machinery and implements at plant at navy yard, New York, New York, $20,000.

For repairs and improvement of machinery and implements at plant at navy yard, Philadelphia, Pennsylvania, $15,000.

For repairs and improvement of machinery and implements at plant at navy yard, Norfolk, Virginia, $15,000.

For repairs and improvement of machinery and implements at plant at navy yard, Charleston, South Carolina, $15,000.

For repairs and improvement of machinery and implements at plant at navy yard, Mare Island, California, $15,000.

For repairs and improvement of machinery and implements at plant at navy yard, Puget Sound, Washington, $10,000.

BUREAU OF STEAM ENGINEERING.

ENGINEERING: For repairs, preservation, and renewal of machinery, auxiliary machinery, and boilers of naval vessels, yard craft, ships' boats, and air craft; distilling and refrigerating apparatus; repairs, preservation, and renewal of electric interior and exterior signal communications and all electrical appliances of whatsoever nature on board naval vessels, except range finders, battle order and range transmitters and indicators, and motors and their controlling apparatus used to operate machinery belonging to other bureaus; maintenance of coast signal service, including the purchase of land as necessary for sites for radio shore stations; equipage, supplies, and materials under the cognizance of the bureau required for the maintenance and operation of naval vessels, yard craft, ships' boats, and air craft; purchase, installation, repair, and preservation of machinery, tools, and appliances in navy yards and stations; pay of classified force under the bureau; incidental expenses for naval vessels, navy yards and stations, inspectors' offices, the engineering experiment station, such as photographing, technical books and periodicals, stationery, and instruments; instruments and apparatus, supplies, and technical books and periodicals necessary to carry on experimental and research work in radiotelegraphy at the naval radio laboratory: *Provided*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for clerical, drafting, inspection, and messenger service in navy yards, naval stations, and offices of United States inspectors of machinery and engineering material for the fiscal year ending June thirtieth, nineteen hundred and fifteen, shall not exceed $650,000: *Provided further*, That the sum to be paid out of this appropriation for the purchase of land for sites for radio shore stations shall not exceed $50,000: *Provided further*, That the total expenditures under this appropriation at the naval radio laboratory shall not exceed $5,000.

In all, engineering, $8,080,000.

Toward the purchase and preparation of necessary sites, purchase and erection of towers and buildings, and the purchase and installation of machinery and apparatus of high power radio stations (cost not to exceed $1,000,000), to be located as follows: One in the Isthmian Canal Zone, one on the California coast, one in the Hawaiian Islands,

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one in American Samoa, one on the island of Guam, and one in the Philippine Islands, $400,000, to be available until expended.

The unobligated and unexpended balances of appropriation "Steam machinery" for the fiscal years nineteen hundred and twelve and nineteen hundred and thirteen, not exceeding in amount $250,000, which were made available by the Act of March fourth, nineteen hundred and thirteen, for the development of a heavy-oil engine for one of the fuel ships provided by that Act, shall be considered available for that purpose until June thirtieth, nineteen hundred and sixteen.

Engineering experiment station, United States Naval Academy, Annapolis, Maryland—Experimental and research work: For original investigation and extended experimentation of naval appliances; and for the purchase of such machines and auxiliaries considered applicable for test and use in the naval service, and for maintenance of buildings and grounds, $60,000.

Equipment of building: For extension of steam, air, and water lines, and electric circuits; for foundations for machinery; for purchase and installation of additional testing instruments and apparatus, $20,000.

The Bureau of Equipment of the Navy Department is hereby abolished, and the duties assigned by law to that bureau shall be distributed among the other bureaus and offices of the Navy Department as herein provided, and all available funds heretofore appropriated for that bureau and such civil employees of that bureau as were heretofore authorized by law are hereby assigned and transferred to the other bureaus and offices as herein provided: *Provided*, That nothing herein shall be so construed as to authorize the expenditure of any appropriation for purposes other than those specifically provided by the terms of the appropriations heretofore and herein made.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: One professor of mathematics, one of mechanical drawing, one of English, one of French, and one of Spanish, at $3,000 each.

Three professors, namely, one of English, one of French, and one of Spanish, at $2,640 each.

Five instructors, at $2,400 each.

Four instructors, at $2,160 each.

Ten instructors, at $1,800 each.

That no part of any sum in this Act appropriated shall be expended in the pay or allowances of any commissioned officer of the Navy detailed for duty as an instructor at the United States Naval Academy to perform duties which were performed by civilian instructors on January first, nineteen hundred and thirteen.

One swordmaster, $1,600; one assistant, $1,200; and two assistants, at $1,000 each; two instructors in physical training, at $1,500 each; and one assistant instructor in physical training, at $1,000; and one instructor in gymnastics, $1,200; one assistant librarian, $2,160; one cataloguer, $1,200; and two shelf assistants, at $900 each; one secretary of the Naval Academy, $2,400; two clerks, at $1,500 each; four clerks, at $1,200 each; four clerks, at $1,000 each;

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four clerks, at $900 each; two clerks, at $840 each; one draftsman, $1,200; one surveyor, $1,200; services of organist at chapel, $300; one captain of the watch, $924; one second captain of the watch, $828; twenty-two watchmen, at $732 each; three telephone switchboard operators, at $600 each. In all, pay of professors and others, Naval Academy, $118,556.

DEPARTMENT OF ORDNANCE AND GUNNERY: One mechanic, $960, and one at $750; one armorer, $660; one chief gunner's mate, $540; three quarter gunners, at $480 each; in all, $4,350.

DEPARTMENTS OF ELECTRICAL ENGINEERING AND PHYSICS: One electrical machinist, at $1,100; one electrical machinist, at $1,000; two mechanics, at $1,000 each; in all, $4,100.

DEPARTMENT OF SEAMANSHIP: One cockswain, $480; three seamen, at $420 each; in all, $1,740.

DEPARTMENT OF MARINE ENGINEERING AND NAVAL CONSTRUCTION: One master machinist, $1,900, and one assistant, $1,300; one pattern maker, $1,300; one boiler maker, one blacksmith, three machinists, one molder, and one coppersmith, at $1,180 each; one draftsman, $2,000; machinists and other employees, $6,768; in all, $21,528.

COMMISSARY DEPARTMENT: One chief cook, $1,200; four cooks, at $600 each, and eight assistants, at $300 each; one steward, $1,200, and one assistant, $600; one head waiter, $720, and two assistants, at $480 each; two pantry men, at $420 each; one chief baker, at $1,200; one baker, $600; two assistants, at $540 each, and one assistant, $420; necessary waiters, at $16 per month each, $13,440; one messenger to the superintendent, $600; twenty-seven attendants, at $300 each; in all, $35,760.

In all, civil establishment, $186,034.

The unexpended balance of the appropriation for dairy, Naval Academy, Annapolis, Maryland, contained in the naval appropriation Act approved March fourth, nineteen hundred and thirteen, is hereby made available for expenditure during the fiscal year ending June thirtieth, nineteen hundred and fifteen.

CURRENT AND MISCELLANEOUS EXPENSES, NAVAL ACADEMY: Text and reference books for use of instructors; stationery, blank books and forms, models, maps, and periodicals; apparatus and materials for instruction in physical training and athletics; expenses of lectures, including pay and expenses of lecturer; chemicals, philosophical apparatus and instruments, stores, machinery, tools, fittings, apparatus, and materials for instruction purposes, $28,500.

Purchase, binding, and repair of books for the library (to be purchased in the open market on the written order of the superintendent), $2,500: *Provided*, That section thirty-six hundred and forty-eight, Revised Statutes, shall not apply to subscriptions for foreign and domestic periodicals to be paid for from this appropriation.

Expenses of the Board of Visitors of the Naval Academy, being actual expenses while engaged upon duties as members of the board not to exceed $5 a day and actual expenses of travel by the shortest mail routes, and for clerk hire, and other incidental and necessary expenses of the board, $500.

For contingencies for the superintendent of the academy, to be expended in his discretion, $2,000.

In all, current and miscellaneous expenses, $33,500.

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MAINTENANCE AND REPAIRS, NAVAL ACADEMY: For general maintenance and repairs at the Naval Academy, namely: For necessary repairs of public buildings, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, and fixtures; for books, periodicals, maps, models, and drawings; purchase and repair of fire engines; fire apparatus and plants; machinery; purchase and maintenance of all horses and vehicles for use at the academy; seeds and plants; tools and repairs of the same; stationery; furniture for Government buildings and offices at the academy; coal and other fuel; candles, oil, and gas; attendance on light and power plants; cleaning and clearing up station and care of buildings; attendance on fires, lights, fire engines, fire apparatus, and plants, and telephone, telegraph, and clock systems; incidental labor; advertising, water tax, postage, telephones, telegrams, tolls, and ferriage; flags and awnings; packing boxes; fuel for heating and lighting bandsmen's quarters; pay of inspectors and draftsmen; music, musical and astronomical instruments; and for the pay of employees on leave, $275,000.

Rent of buildings for the use of the academy, and commutation of rent for bandsmen, at $8 per month each, $4,116.

In all, Naval Academy, $498,650.

Hereafter in addition to the appointments of midshipmen to the United States Naval Academy as now prescribed by law, the Secretary of the Navy is allowed fifteen appointments annually from the enlisted men of the Navy who are citizens of the United States and not more than twenty years of age on the date of entrance to the Naval Academy, and who shall have served not less than one year as enlisted men on the date of entrance: *Provided*, That such appointments shall be made in the order of merit from candidates who have in competition with each other passed the mental examination now or hereafter required by law for entrance to the Naval Academy, and who passed the physical examination required before entrance under existing law.

MARINE CORPS.

PAY, MARINE CORPS: For pay and allowances prescribed by law of officers on the active list, including clerks for assistant paymasters, five in all, $951,640.

For pay of officers prescribed by law, on the retired list: For three major generals, four brigadier generals, seven colonels, seven lieutenant colonels, ten majors, eighteen captains, thirteen first lieutenants, four second lieutenants, and one paymaster's clerk, and for officers who may be placed thereon during the year, including such increased pay as is now or may hereafter be provided for retired officers regularly assigned to active duty, $186,492.50.

Pay of enlisted men, active list: Pay of noncommissioned officers, musicians, and privates, as prescribed by law, and the number of enlisted men shall be exclusive of those undergoing imprisonment with sentence of dishonorable discharge from the service at the expiration of such confinement, and for the expenses of clerks of the United States Marine Corps traveling under orders, and including additional compensation for enlisted men of the Marine Corps regularly detailed as gun captains, gun pointers, mess sergeants, cooks, messmen, signalmen, or holding good-conduct medals, pins, or bars, including interest on deposits by enlisted men, post-ex-

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change debts of deserters, under such rules as the Secretary of the Navy may prescribe, and the authorized travel allowance of discharged enlisted men and for prizes for excellence in gunnery exercise and target practice, both afloat and ashore. In all, $2,807,215.08.

For pay and allowances prescribed by law of enlisted men on the retired list: For four sergeants major, one drum major, twenty-seven gunnery sergeants, twenty-eight quartermaster sergeants, thirty-six first sergeants, sixty-three sergeants, fifteen corporals, sixteen first-class musicians, one drummer, one trumpeter, one fifer, and twenty-three privates, and for those who may be retired during the fiscal year, $147,411.

Undrawn clothing: For payment to discharged enlisted men for clothing undrawn, $120,000.

Mileage: For mileage to officers traveling under orders without troops, $55,000: *Provided*, That hereafter no mileage shall be paid to any officer where Government transportation is furnished such officer.

For commutation of quarters of officers on duty without troops where there are no public quarters, $42,000.

PAY OF CIVIL FORCE: In the office of the major general commandant: One chief clerk, at $2,000; one clerk, at $1,400; one messenger, at $971.28.

In the office of the paymaster: One chief clerk, at $2,000; one clerk, at $1,500; one clerk, at $1,200.

In the office of the adjutant and inspector: One chief clerk, at $2,000; one clerk, at $1,500; one clerk, at $1,400; one clerk, at $1,200.

In the office of the quartermaster: One chief clerk, at $2,000; one clerk, at $1,500; two clerks, at $1,400 each; two clerks, at $1,200 each; one draftsman, at $1,800.

In the office of the assistant quartermaster, San Francisco, California: One chief clerk, at $1,800.

In the office of the assistant quartermaster, Philadelphia, Pennsylvania: One chief clerk, at $1,800; one messenger, at $840; in the Quartermaster's Department, for duty where their services are required, four clerks, at $1,400 each.

In all, for pay of civil force, $35,711.28, and the money herein specifically appropriated for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law as pay of the Marine Corps, and for that purpose shall constitute one fund.

In all, pay, Marine Corps, $4,345,469.86.

MAINTENANCE, QUARTERMASTER'S DEPARTMENT, MARINE CORPS.

PROVISIONS, MARINE CORPS: For noncommissioned officers, musicians, and privates serving ashore; subsistence and lodging of enlisted men when traveling on duty, or cash in lieu thereof; commutation of rations to enlisted men regularly detailed as clerks and messengers; payments of board and lodging of applicants for enlistment while held under observation, recruits, and recruiting parties; transportation of provisions, and the employment of necessary labor connected therewith; ice machines and their maintenance where required for the health and comfort of the troops and for cold storage; ice for offices and preservation of rations, $890,000. No law shall be construed to entitle enlisted men on shore duty to any rations or commutation therefor other than such as are now or may here-

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after be allowed enlisted men in the Army: *Provided, however*, That when it is impracticable or the expense is found greater to supply marines serving on shore duty in the island possessions and on foreign stations with the Army ration, such marines may be allowed the Navy ration or commutation therefor: *Provided*, That hereafter so much of this appropriation as may be necessary may be applied for the purchase, for sale to officers, enlisted men, and civilian employees, of such articles of subsistence stores as may from time to time be designated and under such regulations as may be prescribed by the Secretary of the Navy.

CLOTHING, MARINE CORPS: For noncommissioned officers, musicians, and privates authorized by law, $620,063.

FUEL, MARINE CORPS: For heat and light for the authorized allowance of quarters for officers and enlisted men, and other buildings and grounds pertaining to the Marine Corps; fuel, electricity, and oil for cooking, power, and other purposes; and sales to officers, $164,000.

MILITARY STORES, MARINE CORPS: Pay of chief armorer, at $4 per diem; one mechanic, at $3 per diem; two mechanics, at $2.50 each per diem; one chief electrician, at $4 per diem, and one assistant electrician, at $3.50 per diem; per diem of enlisted men employed on constant labor for periods of not less than ten days; purchase of military equipments, such as rifles, revolvers, cartridge boxes, bayonet scabbards, haversacks, blanket bags, canteens, rifle slings, swords, drums, trumpets, flags, waistbelts, waist plates, cartridge belts, spare parts for repairing rifles, machetes, purchase and repair of tents, field cots, field ovens, and stoves for tents; purchase and repair of instruments for bands, purchase of music and musical accessories; purchase and marking of prizes for excellence in gunnery and rifle practice; good-conduct badges; medals awarded to officers and enlisted men by the Government for conspicuous, gallant, and special service; incidental expenses of schools of application; construction, equipment, and maintenance of school, library, and amusement rooms and gymnasiums for enlisted men, and the purchase and repair of all articles of field sports for enlisted men; purchase and repair of signal equipment and stores; establishment and maintenance of targets and ranges, renting ranges, construction of buildings for temporary shelter and preservation of stores, and entrance fees in competitions; procuring, preserving, and handling ammunition and other necessary military supplies; in all, $307,737.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, and of applicants for enlistment between recruiting stations and recruit depots or posts, including ferriage and transfers en route, or cash in lieu thereof; toilet kits for issue to recruits upon their first enlistment and the expense of the recruiting service, $317,000.

REPAIRS OF BARRACKS, MARINE CORPS: Repairs and improvements to barracks, quarters, and other public buildings at posts and stations; for the renting, leasing, improvement, and erection of buildings in the District of Columbia, and at such other places as the public exigencies require; and for per diem to enlisted men employed under the direction of the Quartermaster's Department on the repair of barracks, quarters, and other public buildings on constant labor for periods of not less than ten days, $140,000.

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FORAGE, MARINE CORPS: For forage in kind and stabling for public animals of the Quartermaster's Department and the authorized number of officers' horses, $22,200.

COMMUTATION OF QUARTERS, MARINE CORPS: Commutation of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them; commutation of quarters for enlisted men employed as clerks and messengers in the offices of the commandant, adjutant and inspector, paymaster, and quartermaster, and the offices of the assistant adjutant and inspectors, assistant paymasters, assistant quartermasters, at $21 each per month, and for enlisted men employed as messengers in said offices, at $10 each per month, $79,000.

CONTINGENT, MARINE CORPS: For freight, expressage, tolls, cartage, advertising, washing of bed sacks, mattress covers, pillowcases, towels, and sheets, funeral expenses of officers and marines, including the transportation of bodies and their arms and wearing apparel from the place of demise to the homes of the deceased in the United States; stationery and other paper, printing and binding; telegraphing, rent of telephones; purchase, repair, and exchange of typewriters; apprehension of stragglers and deserters; per diem of enlisted men employed on constant labor for periods of not less than ten days; employment of civilian labor; purchase, repair, and installation and maintenance of gas, electric, sewer, and water pipes and fixtures; office and barracks furniture, camp and garrison equipage and implements; mess utensils for enlisted men; packing boxes, wrapping paper, oilcloth, crash, rope, twine, quarantine fees, camphor and carbolized paper, carpenters' tools, tools for police purposes, safes; purchase, repair, and maintenance of such harness, wagons, motor wagons, carts, drays, and other vehicles as are required for the transportation of troops and supplies and for official military and garrison purposes; purchase of public horses and mules; services of veterinary surgeons, and medicines for public animals, and the authorized number of officers' horses; purchase of mounts and horse equipment for all officers below the grade of major required to be mounted; shoeing for public animals and the authorized number of officers' horses; purchase and repair of hose, fire extinguishers, hand grenades, carts, wheelbarrows, and lawn mowers; purchase, installation, and repair of cooking and heating stoves and furnaces; purchase of towels, soap, combs, and brushes for offices; postage stamps for foreign and registered postage; books, newspapers, and periodicals; improving parade grounds; repair of pumps and wharves; water; straw for bedding, mattresses; mattress covers, pillows, sheets; furniture for Government quarters and repair of same; packing and crating officers' allowance of baggage on change of station; deodorizers, lubricants, disinfectants; and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify, $460,000.

In all, for the maintenance of Quartermaster's Department, Marine Corps, $3,000,000; and the money herein specifically appropriated for the maintenance of the Quartermaster's Department, Marine Corps, shall be disbursed and accounted for in accordance with existing law as maintenance, Quartermaster's Department, Marine Corps, and for that purpose shall constitute one fund.

Total Marine Corps, exclusive of public works, $7,345,469.86.

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INCREASE OF THE NAVY.

That for the purpose of further increasing the Naval Establishment of the United States, the President is hereby authorized to have constructed two first-class battleships carrying as heavy armor and as powerful armament as any vessel of their class, to have the highest practicable speed and greatest desirable radius of action, and to cost, exclusive of armor and armament, not to exceed $7,800,000 each. One of the battleships hereby authorized shall be built and constructed at a Government navy yard.

Six torpedo-boat destroyers, to have the highest practicable speed, to cost, exclusive of armor and armament, not to exceed $925,000 each.

Eight or more submarines, one to be of seagoing type to have a surface speed of not less than twenty knots, seven or more to be of coast and harbor defense type; to cost not exceeding in the aggregate $4,460,000, and the sum of $1,825,000 is hereby appropriated for said purpose, to be available until expended. The appropriation made in the naval Act approved March fourth, nineteen hundred and thirteen, "Wrecking pontoon: For construction or purchase of a testing and wrecking pontoon for submarines, to be available until expended, $300,000," is hereby made available until expended for the construction of said eight or more submarine boats.

Three of the coast-defense submarine torpedo boats herein authorized shall be built on the Pacific coast: *Provided*, That the cost of construction on the Pacific coast does not exceed the cost of construction on the Atlantic coast, plus the cost of transportation from the Atlantic to the Pacific; and the Secretary of the Navy is requested to consider the advisability of stationing the four small submarine torpedo boats herein authorized on the coast of the United States in the Gulf of Mexico as a proper naval defense thereof.

Hereafter there shall be charged against the several appropriations for the support of the Naval Establishment the overhead charges incident to upkeep and to industrial work at navy yards and stations. The total sum so charged shall be distributed in accordance with the work done in the various yards and stations in order that the cost of work may be determined.

Except where otherwise directed, the Secretary of the Navy shall build any of the vessels herein authorized in such navy yards as he may designate, should it reasonably appear that the persons, firms, or corporations, or the agents thereof, bidding for the construction of any of said vessels have entered into any combination, agreement, or understanding the effect, object, or purpose of which is to deprive the Government of fair, open, and unrestricted competition in letting contracts for the construction of any of said vessels.

CONSTRUCTION AND MACHINERY: On account of hulls and outfits of vessels and machinery of vessels heretofore and herein authorized, to be available until expended, $17,647,617.

INCREASE OF THE NAVY; TORPEDO BOATS: On account of submarine torpedo boats heretofore authorized, to be available until expended, $1,685,617.

INCREASE OF THE NAVY; EQUIPMENT: Toward the completion of equipment outfit of the vessels heretofore and herein authorized, to be available until expended, $421,000.

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INCREASE OF THE NAVY; ARMOR AND ARMAMENT: Toward the armor and armament for vessels heretofore, and herein authorized, to be available until expended, $14,877,500.

A committee is hereby appointed, to consist of the chairman of the Committee on Naval Affairs of the Senate and the chairman of the Committee on Naval Affairs of the House of Representatives, and one naval officer to be selected by the Secretary of the Navy to investigate and report at the next regular session of Congress upon the cost of erection of an armor plant to enable the United States to manufacture its own armor plate and special treatment steel, capable of standing all ballistic and other necessary tests required for use in vessels of the Navy, at the lowest possible cost to the Government, taking into consideration all of the elements necessary for the economical and successful operation of such a plant. Said report shall contain the estimated cost of a plant and site sufficient to accommodate a plant having an annual output capacity of twenty thousand tons, and also a plant having an output of ten thousand tons, and also an itemized statement of the estimated cost of the necessary buildings, machinery, and accessories for each, and the estimated annual cost and maintenance of each, and the estimated cost of the finished product.

Said committee is authorized to sit during the recess of Congress, to send for persons and papers, and to administer oaths.

The sum of $5,000 is hereby appropriated, out of any money in the Treasury not otherwise appropriated, to pay the expenses of said committee, payable upon vouchers signed by the chairman of said committee.

Total increase of the Navy heretofore and herein authorized, $36,456,734.

Of each of the sums appropriated by this Act, except such amounts as may be required to meet obligations authorized in previous Acts and for which contracts have been made, no part shall be used to procure through purchase or contract any vessels, armament, articles, or materials which the navy yards, gun factories, or other industrial plants operated by the Navy Department are equipped to supply, unless such Government plants are operated approximately at their full capacity for not less than one regular shift each working day, except when contract costs are less than costs in said Government plants, and except when said Government plants are unable to complete the work within the time required, and except in cases of emergency.

That no part of any sum herein appropriated shall be expended for the purchase of structural steel, ship plates, armor, armament, or machinery from any persons, firms, or corporations who have combined or conspired to monopolize the interstate or foreign commerce or trade of the United States, or the commerce or trade between the States and any Territory or the District of Columbia, in any of the articles aforesaid, and no purchase of structural steel, ship plates, or machinery shall be made at a price in excess of a reasonable profit above the actual cost of manufacture. But this limitation shall in no case apply to any existing contract.

That no part of any sum herein appropriated under "Increase of the Navy" shall be used for the payment of any clerical, drafting, inspection, or messenger service, or for the pay of any of the other classified force under the various bureaus of the Navy Department, Washington, District of Columbia.

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That no part of any sum appropriated by this Act shall be used for any expense of the Navy Department at Washington, District of Columbia, unless specific authority is given by law for such expenditure.

The President may, in his discretion, direct the sale, in such manner, at such price not less than the original cost price and upon such terms as he may deem proper, of the two battleships Idaho and Mississippi. All moneys received from the sale of said vessels shall be deposited by the Secretary of the Navy in the Treasury. After said sale, in addition to the two battleships hereinbefore authorized, the President is hereby authorized to have constructed a first-class battleship carrying as heavy armor and as powerful armament as any vessel of its class, to have the highest practicable speed and the greatest desirable radius of action, and to cost, exclusive of armor and armament, not to exceed $7,800,000. Out of the money when so deposited in the Treasury there is hereby appropriated toward the construction of said battleship on account of "Increase of the Navy": "Construction and machinery," $2,000,000; "Armor and armament," $2,535,000; and "Equipment," $100,000: *Provided*, That no vessel shall be sold under this authorization unless such sale, or the agreement therefor, shall have been made prior to July first, nineteen hundred and fifteen.

Approved, June 30, 1914.

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[PUBLIC—No. 271.]

[H. R. 20975.]

An Act Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and sixteen, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending June thirtieth, nineteen hundred and sixteen, and for other purposes:

PAY, MISCELLANEOUS.

The Secretary of the Navy shall send to Congress at the beginning of its next regular session a complete schedule or list showing the amount of money of all pay and for all allowances for each grade of officers in the Navy, including retired officers, and for all officers included in this Act and for all enlisted men so included.

For commissions and interests; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of civilian employees, and for actual and necessary traveling expenses of midshipmen while proceeding from their homes to the Naval Academy for examination and appointment as midshipmen; for actual traveling expenses of female nurses; actual expenses of officers while on shore patrol duty; for rent of buildings and offices not in navy yards, including the rental of offices in the District of Columbia; expenses of courts-martial, prisoners and prisons, and courts of inquiry, boards of inspection, examining boards, with clerks' and witnesses' fees, and traveling expenses and costs; stationery and recording; religious books; expenses of purchasing paymasters' offices of the various cities, including clerks, furniture, fuel, stationery, and incidental expenses; newspapers and periodicals for the naval service (hereafter subscriptions may be paid for in advance); all advertising for the Navy Department and its bureaus (except advertising for recruits for the Bureau of Navigation); copying; care of library, including the purchase of books, photographs, prints, manuscripts, and periodicals; ferriage; tolls; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; recovery of valuables from shipwrecks; quarantine expenses; reports; professional investigation; cost of special instruction at home and abroad, including maintenance of students and attachés; information from abroad, and the collection and classification thereof; all charges pertaining to the Navy Department and its bureaus for ice for the cooling of drinking water on shore (except at naval hospitals), telephone rentals and tolls, telegrams, cablegrams, and postage, foreign and domestic, and post-office box rentals; and other necessary and incidental expenses: *Provided*, That the sum to be paid out of this appropria-

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tion, under the direction of the Secretary of the Navy, for clerical, inspection, and messenger service in navy yards, naval stations, and purchasing pay offices for the fiscal year ending June thirtieth, nineteen hundred and sixteen, shall not exceed $290,000; in all, $1,000,000.

There shall be a Chief of Naval Operations, who shall be an officer on the active list of the Navy appointed by the President, by and with the advice and consent of the Senate, from among the officers of the line of the Navy not below the grade of captain for a period of four years, who shall, under the direction of the Secretary of the Navy, be charged with the operations of the fleet, and with the preparation and readiness of plans for its use in war: *Provided*, That if an officer of the grade of captain be appointed Chief of Naval Operations, he shall have the rank, title, and emoluments of a rear admiral while holding that position.

During the temporary absence of the Secretary and the Assistant Secretary of the Navy, the Chief of Naval Operations shall be next in succession to act as Secretary of the Navy.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses, exclusive of personal services in the Navy Department, or any of its subordinate bureaus or offices at Washington, District of Columbia, arising at home or abroad, but impossible to be anticipated or classified, to be expended on the approval and authority of the Secretary of the Navy, and for such purposes as he may deem proper, $46,000: *Provided*, That the Act "To authorize and provide for the disposal of useless papers in the executive departments," approved February sixteenth, eighteen hundred and eighty-nine, is hereby amended so that accumulations in the files of navy yards and naval stations that, in the judgment of the Secretary of the Navy, are not needed or useful in the transaction of current business and have no permanent value or historical interest may be disposed of by the Secretary of the Navy by sale, after advertisement for proposals as waste paper if practicable, or if not practicable then otherwise as may appear best for the interests of the Government, the said Secretary to make detailed report to the Congress in every case of the papers destroyed; provided always that no papers less than two years old from the date of the last indorsement thereon shall be destroyed or disposed of by the Secretary of the Navy, except in the manner provided in said act of February sixteenth, eighteen hundred and eighty-nine.

Hereafter officers who now perform engineering duty on shore only and officers of the Construction Corps shall be eligible for any shore duty compatible with their rank and grade to which the Secretary of the Navy may assign them.

AERONAUTICS: The sum of $1,000,000 is hereby reappropriated out of the unobligated balances of the appropriations "Construction and repair of vessels and steam machinery" for the fiscal year ending June thirtieth, nineteen hundred and fourteen, and made available for aeronautics, to be expended under the direction of the Secretary of the Navy for procuring, producing, constructing, operating, preserving, storing, and handling aircraft and appurtenances, maintenance of aircraft stations and experimental work in development of aviation for naval purposes.

An Advisory Committee for Aeronautics is hereby established, and the President is authorized to appoint not to exceed twelve members, to consist of two members from the War Department,

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from the office in charge of military aeronautics; two members from the Navy Department, from the office in charge of naval aeronautics; a representative each of the Smithsonian Institution, of the United States Weather Bureau, and of the United States Bureau of Standards; together with not more than five additional persons who shall be acquainted with the needs of aeronautical science, either civil or military, or skilled in aeronautical engineering or its allied sciences: *Provided*, That the members of the Advisory Committee for Aeronautics, as such, shall serve without compensation: *Provided further*, That it shall be the duty of the Advisory Committee for Aeronautics to supervise and direct the scientific study of the problems of flight, with a view to their practical solution, and to determine the problems which should be experimentally attacked, and to discuss their solution and their application to practical questions. In the event of a laboratory or laboratories, either in whole or in part, being placed under the direction of the committee, the committee may direct and conduct research and experiment in aeronautics in such laboratory or laboratories: *And provided further*, That rules and regulations for the conduct of the work of the committee shall be formulated by the committee and approved by the President.

That the sum of $5,000 a year, or so much thereof as may be necessary, for five years is hereby appropriated, out of any money in the Treasury not otherwise appropriated, to be immediately available, for experimental work and investigations undertaken by the committee, clerical expenses and supplies, and necessary expenses of members of the committee in going to, returning from, and while attending, meetings of the committee: *Provided*, That an annual report to the Congress shall be submitted through the President, including an itemized statement of expenditures.

ARMING AND EQUIPPING NAVAL MILITIA: For the pay, subsistence, and transportation of such portion of the Naval Militia as shall engage in actual service or instruction afloat or on shore, and for pay, transportation, and subsistence of any part of the Naval Militia as shall participate in any cruise, maneuvers, field instruction, or encampment of any part of the Regular Navy afloat or on shore; for the purpose of providing for issue to the Naval Militia any stores and supplies or publications which are supplied to the Navy by any department; for the actual and necessary traveling expenses, together with a per diem not to exceed $4 to be established by the Secretary of the Navy, of the Naval Militia Board appointed by the Secretary of the Navy; and for the necessary clerical and office expenses of the Division of Naval Militia Affairs in the office of the Secretary of the Navy, $250,000.

The President of the United States is hereby empowered to prepare a suitable medal of honor to be awarded to any officer of the Navy, Marine Corps, or Coast Guard who shall have distinguished himself in battle or displayed extraordinary heroism in the line of his profession.

CARE OF LEPERS, ISLANDS OF GUAM AND CULION: Naval station, island of Guam: Maintenance and care of lepers, special patients, and for other purposes, including cost of transfer of lepers from Guam to the island of Culion, in the Philippines, and their maintenance, $14,000.

HURRICANE DAMAGES, AMERICAN SAMOA: For the relief of the inhabitants of American Samoa, to be immediately available, $10,000.

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Transportation: For travel allowance of enlisted men discharged on account of expiration of enlistment; transportation of enlisted men and apprentice seamen and applicants for enlistment at home and abroad, with subsistence and transfers en route, or cash in lieu thereof; transportation to their homes, if residents of the United States, of enlisted men and apprentice seamen discharged on medical survey, with subsistence and transfers en route, or cash in lieu thereof; transportation of sick or insane enlisted men and apprentice seamen to hospitals, with subsistence and transfers en route, or cash in lieu thereof; apprehension and delivery of deserters and stragglers, and for railway guides and other expenses incident to transportation, $750,000.

Recruiting: Expenses of recruiting for the naval service; rent of rendezvous and expenses of maintaining the same; advertising for and obtaining men and apprentice seamen; actual and necessary expenses in lieu of mileage to officers on duty with traveling recruiting parties, $130,000: *Provided*, That hereafter no part of any appropriation for the naval service shall be expended in recruiting seamen, ordinary seamen, or apprentice seamen unless, in case of minors, a certificate of birth or a verified written statement by the parents, or either of them, or in case of their death a verified written statement by the legal guardian, be first furnished to the recruiting officer, showing applicant to be of age required by naval regulations, which shall be presented with the application for enlistment; except in cases where such certificate is unobtainable, enlistment may be made when the recruiting officer is convinced that oath of applicant as to age is credible; but when it is afterwards found, upon evidence satisfactory to the Navy Department, that recruit has sworn falsely as to age, and is under eighteen years of age at the time of enlistment, he shall, upon request of either parent, or, in case of their death, by the legal guardian, be released from service in the Navy, upon payment of full cost of first outfit, unless, in any given case, the Secretary, in his discretion, shall relieve said recruit of such payment.

Contingent: Ferriage, continuous-service certificates, discharges, good-conduct badges, and medals for men and boys; purchase of gymnastic apparatus; transportation of effects of deceased officers and enlisted men of the Navy; books for training apprentice seamen and landsmen; maintenance of gunnery and other training classes, packing boxes and materials; books and models; stationery; and other contingent expenses and emergencies arising under cognizance of the Bureau of Navigation, unforeseen and impossible to classify, $10,000.

Gunnery exercises: Prizes, trophies, and badges for excellence in gunnery exercises and target practice; for the establishment and maintenance of shooting galleries, target houses, targets, and ranges; for hiring established ranges, and for transportation of civilian assistants and equipment to and from ranges, $99,800.

Steaming exercises: Prizes, trophies, and badges for excellence in steaming exercises, to be awarded to the ships in commission for general efficiency and for economy in coal consumption, under such rules as the Secretary of the Navy may formulate, and for the purpose of classifying, compiling, and publishing the results of the competition, $3,000.

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OUTFITS ON FIRST ENLISTMENT: Outfits for all enlisted men and apprentice seamen of the Navy on first enlistment, at not to exceed $60 each, $750,000: *Provided*, That hereafter the Secretary of the Navy is authorized to issue a clothing outfit to all enlisted men serving in their second enlistment who failed to receive an outfit of the value authorized by law on their first enlistment, or who, having received such outfit, were required to refund its value on account of discharge prior to expiration of enlistment: *Provided further*, That the net cost to the Government of clothing outfits furnished any one enlisted man shall not exceed $60.

MAINTENANCE OF NAVAL AUXILIARIES: Pay, transportation, shipping, and subsistence of civilian officers and crews of naval auxiliaries, and all expenses connected with naval auxiliaries employed in emergencies which can not be paid from other appropriations, $800,000.

Instruments and supplies: Supplies for seamen's quarters; and for the purchase of all other articles of equipage at home and abroad; and for the payment of labor in equipping vessels therewith and manufacture of such articles in the several navy yards; all pilotage and towage of ships of war; canal tolls, wharfage, dock and port charges, and other necessary incidental expenses of a similar nature; services and materials in repairing, correcting, adjusting, and testing compasses on shore and on board ship; nautical and astronomical instruments and repairs to same; libraries for ships of war, professional books, schoolbooks, and papers; compasses, compass fittings, including binnacles, tripods, and other appendages of ship's compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; photographs, photographic instruments and materials, printing outfit and materials, $270,000.

Ocean and lake surveys: Hydrographic surveys, including the pay of the necessary hydrographic surveyors, cartographic draftsmen and recorders, and for the purchase and printing of nautical books, charts, and sailing directions, $105,000: *Provided*, That the Secretary of the Navy is authorized to detail such naval officers not exceeding four as may be necessary to the Hydrographic Office.

NAVAL TRAINING STATION, CALIFORNIA: Maintenance of naval training station, Yerba Buena Island, California, namely: Labor and material; buildings and wharves; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same, including the maintenance, repair, and operation of one horse-drawn passenger-carrying vehicle to be used only for official purposes; fire engines and extinguishers; gymnastic implements, models and other articles needed in instruction of apprentice seamen; printing outfit and materials, and maintenance of same; heating and lighting; stationery, books, schoolbooks, and periodicals; fresh water, and washing; packing boxes and materials; and all other contingent expenses; maintenance of dispensary building; lectures and suitable entertainments for apprentice seamen; in all, $70,000.

NAVAL TRAINING STATION, RHODE ISLAND: Maintenance of naval training station, Coasters Harbor Island, Rhode Island, namely: Labor and material; buildings and wharves; dredging channels; extending sea wall; repairs to causeway and sea wall; general care, repairs, and improvements of grounds, buildings, and wharves;

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wharfage, ferriage, and street car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same, including the maintenance, repair, and operation of two horse-drawn passenger-carrying vehicles to be used only for official purposes; fire engines and extinguishers; gymnastic implements; models and other articles needed in instruction of apprentice seamen; printing outfit and materials, and maintenance of same; heating and lighting; stationery, books, schoolbooks, and periodicals; fresh water, and washing; packing boxes and materials; and all other contingent expenses; lectures and suitable entertainments for apprentice seamen; in all, $85,000: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, drafting, inspection, and messenger service for the fiscal year ending June thirtieth, nineteen hundred and sixteen, shall not exceed $5,701.60.

NAVAL TRAINING STATION, GREAT LAKES: Maintenance of naval training station: Labor and material; general care, repairs, and improvements of grounds, buildings, and piers; street car fare; purchase and maintenance of live stock, and attendance on same; motor-propelled vehicles, wagons, carts, implements, and tools, and repairs to same, including the maintenance, repair, and operation of one motor-propelled passenger-carrying vehicle, and one horse-drawn passenger-carrying vehicle to be used only for official purposes; fire apparatus and extinguishers; gymnastic implements; models and other articles needed in instruction of apprentice seamen; printing outfit and material, and maintenance of same; heating and lighting, and repairs to power-plant equipment, distributing mains, tunnel, and conduits; stationery, books, schoolbooks, and periodicals; washing; packing boxes and materials; lectures and suitable entertainments for apprentice seamen; and all other contingent expenses: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, drafting, inspection, and messenger service for the fiscal year ending June thirtieth, nineteen hundred and sixteen, shall not exceed $1,500; in all, naval training station, Great Lakes, $80,000.

NAVAL TRAINING STATION, SAINT HELENA: Maintenance of naval training station; labor and material, general care, repairs, and improvements; schoolbooks; and all other incidental expenses, $25,000.

NAVAL WAR COLLEGE, RHODE ISLAND: For maintenance of the Naval War College on Coasters Harbor Island, including the maintenance, repair, and operation of one horse-drawn passenger-carrying vehicle to be used only for official purposes; and care of grounds for same, $25,250; services of a lecturer on international law, $2,000; services of civilian lecturers, rendered at the War College, $300; care and preservation of the library, including the purchase, binding, and repair of books of reference and periodicals, $1,300: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, inspection, drafting, and messenger service for the fiscal year ending June thirtieth, nineteen hundred and sixteen, shall not exceed $12,500; in all, Naval War College, Rhode Island, $28,850.

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA, PAY OF EMPLOYEES: One secretary, $1,600; one foreman mechanic, $1,500; one superintendent of grounds, at $720; one steward, at $720; one store laborer,

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at $480; one matron, at $420; one beneficiaries' attendant, at $300; one chief cook, at $480; one assistant cook, at $360; one assistant cook, at $300; one chief laundress, at $240; five laundresses, at $192 each; four scrubbers, at $192 each; one head waitress, at $300; eight waitresses, at $192 each; one kitchen servant, at $360; eight laborers, at $360 each; one stable keeper and driver, at $480; one master-at-arms, at $720; two house corporals, at $300 each; one barber, at $360; one carpenter, at $846; one painter, at $846; one painter, at $720; one engineer for elevator and machinery, $720; five laborers, at $540 each; one laborer, at $420; one laborer, at $360; total for employees, $22,696.

MAINTENANCE: Water rent, heating, and lighting; cemetery, burial expenses and headstones; general care and improvements of grounds, buildings, walls, and fences; repairs to power plant equipment, implements, tools, and furniture, and purchase of the same; music in chapel and entertainments for beneficiaries; stationery, books, and periodicals; transportation of indigent and destitute beneficiaries to the Naval Home, and of sick and insane beneficiaries, their attendants and necessary subsistence for both, to and from other Government hospitals; employment of such beneficiaries in and about the Naval Home as may be authorized by the Secretary of the Navy, on the recommendation of the governor; support of beneficiaries, and all other contingent expenses, including the maintenance, repair, and operation of three horse-drawn passenger-carrying vehicles, to be used only for official purposes, $54,421; in all, for Naval Home, $77,117, which sum shall be paid out of the income from the naval pension fund: *Provided*, That all moneys derived from the sale of material at the Naval Home, which was originally purchased from moneys appropriated from the income from the naval pension fund, and all moneys derived from the rental of Naval Home property, shall be turned into the naval pension fund.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring: producing, preserving, and handling ordnance material; for the armament of ships; for fuel, material, and labor to be used in the general work of the Ordnance Department; for furniture at naval magazines, torpedo stations, and proving grounds; for maintenance of the proving ground and powder factory and for target practice; for the maintenance, repair, or operation of horse-drawn passenger-carrying vehicles, to be used only for official purposes at naval magazines, the naval proving ground, Indianhead, Maryland, and naval torpedo stations, and for pay of chemists, clerical, drafting, inspection, and messenger service in navy yards, naval stations, and naval magazines: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for chemists, clerical, drafting, inspection, watchmen, and messenger service in navy yards, naval stations, and naval magazines for the fiscal year ending June thirtieth, nineteen hundred and sixteen, shall not exceed $468,000; in all, $5,795,420.

Purchase and manufacture of smokeless powder, $1,150,000: *Provided*, That no part of any money appropriated by this Act shall be expended for the purchase of powder other than small-arms powder at a price in excess of 53 cents a pound: *Provided further*, That in

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expenditures of this appropriation, or any part thereof, for powder, no powder shall at any time be purchased unless the powder factory at Indianhead, Maryland, shall be operated on a basis of not less than its full maximum capacity.

FOR NAVAL GUN FACTORY, WASHINGTON, DISTRICT OF COLUMBIA: New and improved machinery for existing shops, $75,000.

NAVAL PROVING GROUND, INDIANHEAD, MARYLAND: For machinery for extension of powder factory, to be available until expended, $141,620.

NEW BATTERIES FOR SHIPS OF THE NAVY: For liners for eroded guns, to be available until June thirtieth, nineteen hundred and seventeen, $100,000.

AMMUNITION FOR SHIPS OF THE NAVY: For procuring, producing, preserving, and handling ammunition for issue to ships, $3,000,000, to be available until expended.

TORPEDOES AND APPLIANCES: For the purchase and manufacture of torpedoes and appliances, to be available until June thirtieth, nineteen hundred and eighteen, $1,000,000.

TORPEDO STATION, NEWPORT, RHODE ISLAND: For labor and material; general care of and repairs to grounds, buildings, and wharves; boats, instruction, instruments, tools, experiments, and general torpedo outfits, $80,000.

For the construction of a building for the storage of torpedoes, $20,000.

For new and improved machinery and tools for torpedo factory, $30,000.

EXPERIMENTS, BUREAU OF ORDNANCE: For experimental work in the development of armor-piercing and torpedo shell and other projectiles, fuses, powders, and high explosives, in connection with problems of the attack of armor with direct and inclined fire at various ranges, including the purchase of armor, powder, projectiles, and fuses for the above purposes and of all necessary material and labor in connection therewith; and for other experimental work under the cognizance of the Bureau of Ordnance in connection with the development of ordnance material for the Navy, $100,000.

REPAIRS, BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, wharves, machinery, and other items of like character, $30,000.

CONTINGENT, BUREAU OF ORDNANCE: For miscellaneous items, namely: Cartage, expenses of light and water at magazines and stations, tolls, ferriage, technical books, and incidental expenses attending inspection of ordnance material, $9,500.

BUREAU OF YARDS AND DOCKS.

MAINTENANCE, BUREAU OF YARDS AND DOCKS: For general maintenance of yards and docks, namely: For books, maps, models, and drawings; purchase and repair of fire engines; fire apparatus and plants; machinery; operation or repair, purchase, maintenance of horses and driving teams; carts, timber wheels, and all vehicles, including motor-propelled and horse-drawn passenger-carrying vehicles to be used only for official purposes, and including motor-propelled vehicles for freight-carrying purposes only for use in the navy yards; tools and repair of the same; stationery; furniture for Government houses and offices in navy yards and naval stations;

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coal and other fuel; candles, oil, and gas; attendance on light and power plants; cleaning and clearing up yards and care of buildings; attendance on fires, lights, fire engines, and fire apparatus and plants; incidental labor at navy yards; water tax, tolls, and ferriage; pay of watchmen in navy yards; awnings and packing boxes; and for pay of employees on leave, $1,595,496: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, inspection, drafting, messenger, and other classified work in the navy yards and naval stations for the fiscal year ending June thirtieth, nineteen hundred and sixteen, shall not exceed $425,000.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses and minor extensions and improvements of public works at navy yards and stations, $50,000.

PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

NAVY YARD, BOSTON, MASSACHUSETTS: Paving, to continue, $5,000; hot-water supply system, $10,000; electric distributing system, extensions, $10,000; in all, $25,000.

NAVY YARD, NEW YORK, NEW YORK: Yard railroad, extension and equipment, $10,000; to complete construction of Pier C (cost not to exceed $150,000), $85,000; distributing system, extensions, $15,000; dredging, to continue, $25,000; in all, $135,000.

NAVY YARD, PHILADELPHIA, PENNSYLVANIA: Railroad system, extensions, $10,000; distribution systems, extensions, $10,000; dredging, to continue, $25,000; paving, to continue, $10,000; in all, $55,000.

NAVY YARD, WASHINGTON, DISTRICT OF COLUMBIA: Fireproof general storehouse (cost not to exceed $225,000), to complete, $125,000; railroad system, improvements and extensions, $10,000; electric system, extensions, $10,000; in all, $145,000.

NAVY YARD, NORFOLK, VIRGINIA: Building for school, $50,000; railroad system, extensions, $15,000; disinfecting plant, $15,000; for the construction of a building slip and equipment, $50,000; in all, $130,000.

NAVY YARD, CHARLESTON, SOUTH CAROLINA: Dredging, to continue, $20,000; paving and grading, to continue, $10,000; to make dry and wet borings to determine water-front conditions for locating suitable piers, and slips, $15,000; for the construction of building ways for constructing tugs, lighters, barges, and small naval auxiliary craft, $50,000; in all, $95,000.

NAVAL STATION, KEY WEST, FLORIDA: Dredging, to continue, $5,000.

NAVAL STATION, PENSACOLA, FLORIDA: For remodeling building fifty-two to fit it as a sick quarters and dispensary for use of United States Navy Aeronautic Station, $15,000, reappropriated from unexpended appropriation Act of March second, nineteen hundred and seven, for renewal of present naval hospital buildings, Pensacola, Florida.

NAVY YARD, MARE ISLAND, CALIFORNIA: Dredging and diking, to continue, $20,000; railroad system, extensions, $10,000; garbage crematory, $7,500; improvements and extensions to distributing systems, $15,000; oil storage, $12,500; in all, $65,000.

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NAVY YARD, PUGET SOUND, WASHINGTON: Dredging, to continue, $15,000; railroad system, extensions, $25,000; building slip for submarines, $20,000; in all, $60,000.

NAVAL PROVING GROUND, INDIANHEAD, MARYLAND: Toward extension of powder factory (cost not to exceed $500,000), to complete public work features, $158,380.

NAVAL MAGAZINE, FORT MIFFLIN, PENNSYLVANIA: One shell house, $25,000; fixed ammunition storehouse, $13,000; one magazine, $13,000; reforming plant extension, $7,000; railroad system, extensions, $6,000; in all, $64,000.

NAVAL MAGAZINE, SAINT JULIENS CREEK, VIRGINIA: One shell house, $20,000.

NAVAL MAGAZINE, PUGET SOUND, WASHINGTON: Shell house, $15,000; two magazines, $30,000; storage sheds, $4,000; house on pier, $2,000; pier extension, $4,000; lightning protection, $3,000; in all, $58,000.

DEPOTS FOR COAL AND OTHER FUEL: For additional fuel-oil storage at Melville, Rhode Island, $40,000; additional fuel-oil storage at Norfolk, Virginia, $90,000; fuel-oil storage at San Diego, California, $40,000; fuel-oil storage at Puget Sound, Washington, $80,000; fuel-oil storage at Mare Island, California, $80,000; fuel-oil storage at Guantanamo Bay, Cuba, $50,000; fuel-oil storage at Pearl Harbor, Hawaii, $80,000; custody and care of naval petroleum reserves, $10,000; contingent, $30,000; in all, $500,000.

NAVAL TRAINING STATION, SAN FRANCISCO, CALIFORNIA: Dredging and extension of wharf for receiving ship, $15,000.

NAVAL HOSPITAL, NEW YORK, NEW YORK: Three contagious-disease units, $15,000.

That the appropriation of $400,000 for erection on the Isthmus of Panama of barracks, quarters, and other buildings for accommodation of marines, contained in the Act of March fourth, nineteen hundred and thirteen, is hereby reappropriated, and $200,000 thereof made available for the erection of marine barracks at Mare Island, California and $200,000 thereof made available for the erection of marine barracks at Norfolk, Virginia.

REPAIRS AND PRESERVATION AT NAVY YARDS AND STATIONS: For repairs and preservation at navy yards, coaling depots, coaling plants, and stations, $1,097,436.

Total public works, navy yards, naval stations, naval proving grounds, and magazines, naval training station, San Francisco, naval hospital, New York, and depots for coal and other fuel, $2,642,816, and the amounts herein appropriated for public works, except for repairs and preservation at navy yards and stations, shall be available until expended.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy yards, naval stations, Marine Corps, and for the civil establishment at the several naval hospitals, navy yards, naval medical supply depots, Naval Medical School, Washington, and Naval Academy, $525,000.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For tolls and ferriages; care, transportation, and burial of the dead; purchase of

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books and stationery, binding of medical records, unbound books, and pamphlets; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of nonpassenger-carrying wagons, automobile ambulances, and harness; purchase of and feed for horses and cows; maintenance, repair and operation of two passenger-carrying vehicles for naval dispensary, Washington, District of Columbia, to be used only for official purposes; trees, plants, garden tools, and seeds; incidental articles for the Naval Medical School and naval dispensary, Washington; naval medical supply depots, sick quarters at Naval Academy and marine barracks; washing for medical department at Naval Medical School and naval dispensary, Washington; naval medical supply depots, sick quarters at Naval Academy and marine barracks, dispensaries at navy yards and naval stations, and ships; and for minor repairs on buildings and grounds of the United States Naval Medical School and naval medical supply depots; rent of rooms for naval dispensary, Washington, District of Columbia, not to exceed $1,200; for the care, maintenance, and treatment of the insane of the Navy and Marine Corps on the Pacific coast; for dental outfits and dental material, not to exceed $38,000, and all other necessary contingent expenses; in all, $142,000.

TRANSPORTATION OF REMAINS: To enable the Secretary of the Navy, in his discretion, to cause to be transferred to their homes the remains of officers and enlisted men of the Navy and Marine Corps who die or are killed in action ashore or afloat, and also to enable the Secretary of the Navy, in his discretion, to cause to be transported to their homes the remains of civilian employees who die outside of the continental limits of the United States, $15,000: *Provided*, That no deduction shall hereafter be made from the six months' gratuity pay allowed under the naval Act of August twenty-second, nineteen hundred and twelve, on account of expenses for preparation and transportation of the remains: *Provided further*, That the sum herein appropriated shall be available for payment for transportation of the remains of officers and men who have died while on duty at any time since April twenty-first, eighteen hundred and ninety-eight, and shall be available until June thirtieth, nineteen hundred and seventeen.

In all, Bureau of Medicine and Surgery, $682,000.

BUREAU OF SUPPLIES AND ACCOUNTS.

PAY OF THE NAVY: Pay and allowances prescribed by law of officers on sea duty and other duty, $10,598,933; officers on waiting orders, $500,000; officers on the retired list, $3,070,230; clerks to paymasters at yards and stations, general storekeepers ashore and afloat, and receiving ships and other vessels, $320,520; two clerks to general inspectors of the Pay Corps, $3,625; one clerk to pay officer in charge of deserters' rolls, $2,000; not exceeding ten clerks to accounting officers at yards and stations, $17,355; dental surgeon at Naval Academy, $2,400; commutation of quarters for officers on shore not occupying public quarters, including boatswains, gunners, carpenters, sailmakers, machinists, pharmacists, and mates, naval constructors and assistant naval constructors, $550,000; and also members of Nurse Corps (female), $1,000; for hire of quarters for

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officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them, or commutation of quarters not to exceed the amount which an officer would receive were he not serving with troops, $1,000; pay of enlisted men on the retired list, $340,000; extra pay to men reenlisting under honorable discharge, $927,000; interest on deposits by men, $15,520; pay of petty officers, seamen, landsmen, and apprentice seamen, including men in the engineers' force and men detailed for duty with the Fish Commission, forty-eight thousand men, and for the pay of enlisted men detailed for duty with the Naval Militia, $23,616,000; and the number of enlisted men shall be exclusive of those undergoing imprisonment with sentence of dishonorable discharge from the service at expiration of such confinement, $200,000; and as many machinists as the President may from time to time deem necessary to appoint, not to exceed twenty in any one year, $200,000; and three thousand five hundred apprentice seamen under training at training stations, and on board training ships, at the pay prescribed by law, $742,560; pay of the Nurse Corps, $116,940; rent of quarters for members of the Nurse Corps, $15,480; in all, $41,240,563; and the money herein specifically appropriated for "Pay of the Navy" shall be disbursed and accounted for in accordance with existing law as "Pay of the Navy," and for that purpose shall constitute one fund.

Section nine of the naval personnel Act of March third, eighteen hundred and ninety-nine, entitled, "An Act to reorganize and increase the efficiency of the personnel of the Navy and Marine Corps of the United States," be, and the same is hereby, repealed.

That the President be, and he is hereby, authorized, within two years of the date of the approval of this Act, by and with the advice and consent of the Senate, to transfer to the active list of the Navy or Marine Corps any officer who may have been transferred from the active to the retired list of the Navy under the provisions of section nine of said personnel Act: *Provided*, That such officer shall be transferred to the place on the active list which he would have held if he had not been retired and shall be carried as an additional number in the grade to which he may be transferred or at any time thereafter promoted: *Provided further*, That such officer shall stand a satisfactory physical and professional examination as now prescribed by law: *And provided further*, That any officer transferred to the active list shall not by the passage of this Act be entitled to back pay or allowances of any kind.

That the President of the United States be, and he is hereby, authorized to restore Constantine Marrast Perkins, now a lieutenant colonel on the retired list, to the active list of the Marine Corps, in the grade of colonel, to take rank in said grade next after George Barnett, who was the officer immediately above the said Constantine Marrast Perkins in the list of lieutenant colonels at the date said Constantine Marrast Perkins was retired from active service with the rank of lieutenant colonel: *Provided*, That the said Constantine Marrast Perkins shall establish to the satisfaction of the Secretary of the Navy, by examination pursuant to law, his physical, mental, moral, and professional fitness to perform the duties of colonel: *Provided further*, That the said Constantine Marrast Perkins shall be carried, while on the active list, as additional to the number in the grade to which he

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may be advanced pursuant to this Act until such time as a vacancy occurs in said grade: *And provided further*, That the said Constantine Marrast Perkins shall not, by the passage of this Act, be entitled to any back pay or allowances.

Hereafter officers of the Navy and Marine Corps appointed student naval aviators, while lawfully detailed for duty involving actual flying in air craft, including balloons, dirigibles, and aeroplanes, shall receive the pay and allowances of their rank and service plus thirty-five per centum increase thereof; and those officers who have heretofore qualified, or may hereafter qualify, as naval aviators, under such rules and regulations as have been or may be prescribed by the Secretary of the Navy, shall, while lawfully detailed for duty involving actual flying in air craft, receive the pay and allowances of their rank and service plus fifty per centum increase thereof. Hereafter enlisted men of the Navy or Marine Corps, while detailed for duty involving actual flying in air craft, shall receive the pay, and the permanent additions thereto, including allowances, of their rating and service, or rank and service, as the case may be, plus fifty per centum increase thereof: *Provided*, That not more than a yearly average of forty-eight officers and ninety-six enlisted men of the Navy and twelve officers and twenty-four enlisted men of the Marine Corps, detailed for duty involving actual flying in air craft, shall receive any increase in pay while on duty involving actual flying in air craft, nor shall any officer in the Navy senior in rank to commander, nor any officer in the Marine Corps senior in rank to major, receive any increase in pay or allowances by reason of such detail or duty.

In the event of the death of an officer or enlisted man of the Navy or Marine Corps from wounds or disease, the result of an aviation accident, not the result of his own misconduct, received while engaged in actual flying in or in handling air craft, the gratuity to be paid under the provisions of the Act approved August twenty-second, nineteen hundred and twelve, entitled "An Act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and thirteen, and for other purposes," shall be an amount equal to one year's pay at the rate received by such officer or enlisted man at the time of the accident resulting in his death. In all cases where an officer or enlisted man of the Navy or Marine Corps dies, or where an enlisted man of the Navy or Marine Corps is disabled by reason of any injury received or disease contracted in line of duty, the result of an aviation accident, received while employed in actual flying in or in handling air craft, the amount of pension allowed shall be double that authorized to be paid should death or the disability have occurred by reason of an injury received or disease contracted in line of duty, not the result of an aviation accident.

All Acts or parts of Acts in so far as they are inconsistent with the provisions of this Act are hereby repealed.

The Paymaster General of the Navy shall cause to be paid to Mrs. Connie Billingsley, mother of the late William D. Billingsley, ensign, United States Navy, an amount equal to six months' pay at the rate received by that officer at the date of his death, less not exceeding $75, expenses of interment.

There is hereby established a United States naval reserve, which shall consist of citizens of the United States who have been or may be entitled to be honorably discharged from the Navy after not less

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than one four-year term of enlistment or after a term of enlistment during minority. The naval reserve shall be organized under the Bureau of Navigation and shall be governed by the Articles for the Government of the Navy and by the Naval Regulations and Instructions. Whenever actively employed with the Navy, or whenever employed in authorized travel to and from prescribed active duty with the Navy, its members shall be employed as members of the naval reserve and shall while so employed be held and considered to be in all respects in the same status as enlisted men of the Navy on active duty, except that they shall not be advanced in rating in time of peace. When not actively employed with the Navy, members of the naval reserve shall not be entitled to any pay, bounty, gratuity, or pension except the pay expressly provided for members of the naval reserve by the provisions of this Act, nor shall they be entitled to retirement by reason of such service in the naval reserve.

Enlistments in the naval reserve shall be made in the rating in which last honorably discharged from the Navy for a period of four years unless sooner discharged by competent authority. No man shall be first enlisted in the naval reserve after eight years from the date of his last discharge from the Navy nor unless he be found to be physically fit to perform the duties of the rating in which last discharged, nor shall any man whose last service in the Navy was terminated by any means other than by an honorable discharge be eligible for enlistment in the naval reserve. Reenlistments in the naval reserve shall be made under such regulations as may be prescribed by the Secretary of the Navy.

Enlistments in the naval reserve shall be made in two classes. Class one shall consist of those men who enlist in the naval reserve within four months from the date of their last honorable discharge from the Navy. Class two shall consist of those men who enlist in the naval reserve after four months and within eight years from the date of their last honorable discharge from the Navy.

In addition to the enlistments in the naval reserve above provided, the Secretary of the Navy is authorized to transfer to the naval reserve at the expiration of an enlistment any enlisted man of the Navy who may, after two years from the date of approval of this Act, complete service in the Navy of sixteen, or twenty or more years and be entitled at the expiration of his enlistment to an honorable discharge. Such transfers shall only be made upon voluntary application and in the rating in which then serving, and the men so transferred shall be continued in the naval reserve until discharged by competent authority.

Members of the naval reserve of class one and men transferred to the naval reserve shall be required to keep on hand such part of the uniform clothing outfit as may be prescribed by the Secretary of the Navy, and all members of the naval reserve shall be issued a distinctive badge or button which may be worn with civilian dress.

Members of class one who have served less than eight years in the Navy shall be paid at the rate of $30 per annum, and those who have served eight or more years and less than twelve years in the Navy shall be paid at the rate of $60 per annum and those who have served twelve or more years in the Navy, $100 per annum. All members of the naval reserve of class two shall be paid at the rate of $12 per annum, and when first called into active service on board

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a vessel of the Navy shall receive an allowance for an outfit of clothing not exceeding $30 in value, to be expended under regulations prescribed by the Secretary of the Navy.

Members of the naval reserve who have, when transferred to the naval reserve, completed service in the Navy of sixteen, or twenty or more years shall be paid at the rate of one-third, and one-half, respectively, of the base pay, plus permanent additions thereto, which they were receiving at the close of their last service in the Navy.

Members of the naval reserve may, in time of peace, be required to perform not less than one month's active service on board a vessel of the Navy, during each year of service in the naval reserve, and such active service shall not exceed two months in any one year: *Provided*, That the aforesaid active service with the Navy may be required at any time after entrance in the naval reserve. In time of war they may be required to perform active service with the Navy throughout the war, not to exceed the term of enlistment in the case of those enlisted in the naval reserve. Any pay which may be due any member of the naval reserve shall be forfeited when so ordered by the Secretary of the Navy upon the failure, under such conditions as may be prescribed by the Secretary of the Navy, of such man to report for muster and inspection.

Those members of the naval reserve of class one, and those members who have been transferred to the naval reserve, who reenlist in the Navy within four months from the date of their discharge from the naval reserve, shall not be entitled to a gratuity of four months' pay, but their reenlistment in the Navy shall be held and considered to have been made within four months from the date of discharge from the Navy for the purpose of continuous-service pay. The period of time during which members of the naval reserve were actively employed with the Navy while enlisted in the naval reserve shall, for the purposes of retirement, be counted as active service in the Navy in the case of those who reenlist in the Navy after service in the naval reserve.

The Secretary of the Navy is authorized in time of war, or when, in the opinion of the President, war is threatened, to call any enlisted man on the retired list into active service for such duty as he may be able to perform. While so employed such enlisted men shall receive the same pay and allowances they were receiving when placed on the retired list: *Provided*, That enlisted men on the retired list shall not be eligible for enlistment in or transfer to the naval reserve.

The sum of $130,000 is hereby appropriated to carry into effect the foregoing provisions relating to a naval reserve.

That hereafter the commander in chief of the United States Atlantic Fleet, the commander in chief of the United States Pacific Fleet, and the commander in chief of the Asiatic Fleet, respectively, shall each, after being designated as such commander in chief by the President, and from the date of assuming command of such fleet until his relinquishment of such command, have the rank and pay of an admiral; and in each of the above-named fleets the officer serving as second in command thereof shall each, after being designated as such second in command by the President, and from the date of assuming duty as such second in command until his relinquishment of such duty, have the rank and pay of a vice admiral; and the grades

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of admiral and vice admiral in the Navy are hereby reestablished and authorized for the purposes of this section. The annual pay of an admiral shall be $10,000, and of a vice admiral $9,000: *Provided*, That in time of peace officers to serve as commander in chief and as second in command of the three said fleets shall be designated from among the rear admirals on the active list of the Navy: *Provided further*, That nothing herein contained shall create any vacancy in any grade in the Navy nor increase the total number of officers allowed by existing law, and that when an officer is detached from duty as such commander in chief or as such second in command, as above provided, he shall return to his regular rank in the list of rear admirals and shall thereafter receive only the pay and allowances of such regular rank.

The title of paymaster's clerk in the United States Navy is hereby changed to pay clerk, and hereafter all pay clerks shall be warranted from acting pay clerks, who shall be appointed from enlisted men in the Navy holding acting or permanent appointments as chief petty officers who have served at least three years as enlisted men, at least two years of which service must have been on board a cruising vessel of the Navy. All appointments as acting pay clerks shall be made by the Secretary of the Navy, and all such appointees, in addition to the qualifications above set forth, must be citizens of the United States. All acting appointments herein provided for shall be made permanent under regulations established by the Secretary of the Navy: *Provided*, That paymasters' clerks now in the Navy whose total service as such is less than one year and who are citizens of the United States may, upon the passage of this Act, be given appointments as acting pay clerks without previous service as enlisted men: *Provided further*, That paymasters' clerks now in the service and former paymasters' clerks whose appointments have been revoked within six months next preceding the passage of this Act, who have had not less than one year's actual service as such, and who are citizens of the United States, may, upon the passage of this Act, be warranted as pay clerks without previous service as enlisted men or as acting pay clerks: *And provided further*, That pay clerks and acting pay clerks shall have the same pay, allowances, and other benefits as are now or may hereafter be allowed other warrant officers and acting warrant officers, respectively.

That all pay clerks shall, after six years' service as such, be commissioned chief pay clerks and shall on promotion have the rank, pay, and allowances of chief boatswain: *Provided*, That in computing the six years' service herein provided for credit shall be given for all service in the Navy as pay clerk, acting pay clerk, and paymaster's clerk: *Provided further*, That paymasters' clerks now in the Navy and former paymasters' clerks whose appointments have been revoked within six months next preceding the passage of this Act, who have had not less than six years' actual service as such, and who are citizens of the United States, may, upon the passage of this Act, be commissioned as chief pay clerks without previous service as enlisted men, acting pay clerks, or pay clerks.

That the total number of chief pay clerks, pay clerks, and acting pay clerks allowed by this Act shall not exceed one for each two hundred and fifty enlisted men in the United States Navy now or hereafter allowed by law, and such chief pay clerks, pay clerks, and acting pay

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clerks shall be assigned to duty with pay officers under such rules as the Secretary of the Navy may prescribe: *Provided*, That no person shall be appointed a chief pay clerk, pay clerk, or acting pay clerk under any provisions contained in this Act until his physical, mental, moral, and professional qualifications have been satisfactorily established by examination before a board of examining officers appointed by the Secretary of the Navy, from officers of the pay corps when practicable and according to such regulations as he may prescribe: *Provided further*, That no person shall be appointed a chief pay clerk, pay clerk, or acting pay clerk unless his accumulated previous service in the Army, Navy, and Marine Corps, together with his possible future service prior to attaining the age of sixty-two years, will amount to at least thirty years, except that this proviso shall not apply to such persons as were serving in the Navy as paymasters' clerks during the period from September first, nineteen hundred and thirteen, to October thirty-first, nineteen hundred and thirteen.

That the limitation as to age contained in section thirteen hundred and seventy-nine of the Revised Statutes of the United States, relating to appointment of assistant paymasters in the United States Navy, shall not apply to chief pay clerks and pay clerks appointed under the provisions of this Act, who must be between the ages of twenty-one and thirty-five years at the time of appointment as assistant paymasters in the United States Navy: *Provided*, That this shall not be construed as giving any preference in said appointment of assistant paymasters to said chief pay clerks and pay clerks except as to the limitation of age.

That sections thirteen hundred and eighty-six, thirteen hundred and eighty-seven, and thirteen hundred and eighty-eight of the Revised Statutes, and all Acts and parts of Acts, so far as they are in conflict with the provisions of this Act, be, and the same are hereby, repealed.

PROVISIONS, NAVY: For provisions and commuted rations for the seamen and marines, which commuted rations may be paid to caterers of messes, in case of death or desertion, upon orders of the commanding officers, commuted rations for officers on sea duty (other than commissioned officers of the line, Medical and Pay Corps, chaplains, chief boatswains, chief gunners, chief carpenters, chief machinists, and chief sailmakers) and midshipmen, and commuted rations stopped on account of sick in hospital and credited at the rate of 50 cents per ration to the naval hospital fund; subsistence of officers and men unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for commutation therefor to be given); and for subsistence of female nurses, and Navy and Marine Corps general courts-martial prisoners undergoing imprisonment with sentences of dishonorable discharge from the service at the expiration of such confinement: *Provided*, That the Secretary of the Navy is authorized to commute rations for such general courts-martial prisoners in such amounts as seem to him proper, which may vary in accordance with the location of the naval prison, but which shall in no case exceed 30 cents per diem for each ration so commuted; and for the purchase of United States Army emergency rations as required; in all, $7,601,014 to be available until the close of the fiscal year ending June thirtieth, nineteen hundred and seventeen.

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MAINTENANCE, BUREAU OF SUPPLIES AND ACCOUNTS: For fuel; the removal and transportation of ashes from ships of war; books, blanks, and stationery, including stationery for commanding and navigating officers of ships, chaplains on shore and afloat, and for the use of courts-martial on board ship; purchase, repair, and exchange of typewriters for ships; packing boxes and materials; interior fittings for general storehouses, pay offices, and accounting offices in navy yards; coffee mills and repairs thereto; expenses of naval clothing factory and machinery for the same; modernizing laboratory equipment and bringing the same up to date; purchase of articles of equipage at home and abroad under the cognizance of the Bureau of Supplies and Accounts, and for the payment of labor in equipping vessels therewith, and the manufacture of such articles in the several navy yards; musical instruments and music; mess outfits; soap on board naval vessels; athletic outfits; tolls, ferriages, yeomen's stores, safes, newspapers, and other incidental expenses; labor in general storehouses, paymasters' offices, and accounting offices in navy yards and naval stations, including naval stations maintained in island possessions under the control of the United States, and expenses in handling stores purchased and manufactured under "General account of advances"; and reimbursement to appropriations of the Department of Agriculture of cost of inspection of meats and meat food products for the Navy Department: *Provided*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for chemists and for clerical, inspection, and messenger service in the general storehouses, paymasters' offices, and accounting offices of the navy yards and naval stations for the fiscal year ending June thirtieth, nineteen hundred and sixteen, shall not exceed $643,000; in all, $1,829,400.55.

FREIGHT, BUREAU OF SUPPLIES AND ACCOUNTS: All freight and express charges pertaining to the Navy Department and its bureaus, except the transportation of coal for the Bureau of Supplies and Accounts, $625,000.

FUEL AND TRANSPORTATION: Coal and other fuel for steamers' and ships' use, including expenses of transportation, storage, and handling the same; maintenance and general operation of machinery of naval coaling depots and coaling plants; water for all purposes on board naval vessels; and ice for the cooling of water, including the expense of transportation and storage of both, $4,500,000: *Provided*, That hereafter, when the lowest obtainable cost of transportation of fuel between the Atlantic and Pacific coasts of the United States by merchant carriers is considered excessive, the appropriation "Fuel and transportation" may be charged with the expense of pay, transportation, shipping, and subsistence of civilian officers and crews, and such other incidental expenses as can not be paid from other appropriations, of naval auxiliaries engaged in the transportation of fuel: *Provided*, That the appropriation "Maintenance of naval auxiliaries" is insufficient therefor.

BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; steam steerers, pneumatic steerers, steam

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capstans, steam windlasses, and all other auxiliaries; labor in navy yards and on foreign stations; purchase of machinery and tools for use in shops; carrying on work of experimental model tank and wind tunnel; designing naval vessels; construction and repair of yard craft, lighters, and barges; wear, tear, and repair of vessels afloat; general care, increase, and protection of the Navy in the line of construction and repair; incidental expenses for vessels and navy yards, inspectors' offices, such as photographing, books, professional magazines, plans, stationery, and instruments for drafting room, and for pay of classified force under the bureau; for hemp, wire, iron, and other materials for the manufacture of cordage, anchors, cables, galleys, and chains; specifications for purchase thereof shall be so prepared as shall give fair and free competition; canvas for the manufacture of sails, awnings, hammocks, and other work; interior appliances and tools for manufacturing purposes in navy yards and naval stations; and for the purchase of all other articles of equipage at home and abroad; and for the payment of labor in equipping vessels therewith and manufacture of such articles in the several navy yards; naval signals and apparatus, other than electric, namely, signals, lights, lanterns, rockets, running lights, lanterns and lamps and their appendages for general use on board ship for illuminating purposes, and oil and candles used in connection therewith; bunting and other materials for making and repairing flags of all kinds; for all permanent galley fittings and equipage; rugs, carpets, curtains, and hangings on board naval vessels, $9,106,127: *Provided*, That no part of this sum shall be applied to the repair of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed ten per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided further*, That no part of this sum shall be applied to the repair of any other ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed twenty per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to order repairs of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home. And the Secretary of the Navy is hereby authorized to make expenditures from appropriate funds under the various bureaus for repairs and changes on a submarine torpedo boat of the "E" type in a sum not to exceed $100,000: *Provided further*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for clerical, drafting, inspection, watchmen (ship keepers), and messenger service in navy yards, naval stations, and offices of superintending naval constructors for the fiscal year ending June thirtieth, nineteen hundred and sixteen, shall not exceed $958,100.

IMPROVEMENT OF CONSTRUCTION PLANTS: For repairs and improvement of machinery and implements at plant at navy yard, Portsmouth, New Hampshire, $10,000.

For repairs and improvement of machinery and implements at plant at navy yard, Boston, Massachusetts, $10,000.

For repairs and improvement of machinery and implements at plant at navy yard, New York, New York, $20,000.

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For repairs and improvement of machinery and implements at plant at navy yard, Philadelphia, Pennsylvania, $15,000.

For repairs and improvement of machinery and implements at plant at navy yard, Norfolk, Virginia, $15,000.

For repairs and improvement of machinery and implements at plant at navy yard, Charleston, South Carolina, $15,000.

For repairs and improvement of machinery and implements at plant at navy yard, Mare Island, California, $15,000.

For repairs and improvement of machinery and implements at plant at navy yard, Puget Sound, Washington, $10,000.

Officers of the line of the Navy who have had not less than three years' service in the grade of ensign and have taken or are taking satisfactorily a post-graduate course in naval architecture under orders from the Secretary of the Navy shall be eligible for transfer to the grade of assistant naval constructor: *Provided*, That there shall not be more than five such transfers in any one calendar year and that the total increase in the number of naval constructors and assistant naval constructors by reason of such transfers shall not exceed twenty-four.

BUREAU OF STEAM ENGINEERING.

ENGINEERING: For repairs, preservation, and renewal of machinery, auxiliary machinery, and boilers of naval vessels, yard craft, and ships' boats; distilling and refrigerating apparatus; repairs, preservation, and renewal of electric interior and exterior signal communications and all electrical appliances of whatsoever nature on board naval vessels, except range finders, battle order and range transmitters and indicators, and motors and their controlling apparatus used to operate machinery belonging to other bureaus; maintenance of coast signal service, including the purchase of land as necessary for sites for radio shore stations; equipage, supplies, and materials under the cognizance of the bureau required for the maintenance and operation of naval vessels, yard craft, and ships' boats; purchase, installation, repair, and preservation of machinery, tools, and appliances in navy yards and stations; pay of classified force under the bureau; incidental expenses for naval vessels, navy yards and stations, inspectors' offices, the engineering experiment station, such as photographing, technical books, and periodicals, stationery, and instruments; instruments and apparatus, supplies, and technical books and periodicals necessary to carry on experimental and research work in radiotelegraphy at the naval radio laboratory: *Provided*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for clerical, drafting, inspection, and messenger service in navy yards, naval stations, and offices of United States inspectors of machinery and engineering material for the fiscal year ending June thirtieth, nineteen hundred and sixteen, shall not exceed $650,000: *Provided further*, That the sum to be paid out of this appropriation for the purchase of land for sites for radio shore stations shall not exceed $10,000: *Provided further*, That the total expenditures under this appropriation at the naval radio laboratory shall not exceed $5,000; in all, engineering, $7,742,973.

High-power radio stations: Toward the purchase and preparation of necessary sites, purchase and erection of towers and buildings, and the purchase and installation of machinery and apparatus of high-

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power radio stations (cost not to exceed $1,500,000), to be located as follows: One in the Isthmian Canal Zone, one on the California coast, one in the Hawaiian Islands, one in American Samoa, one on the island of Guam, and one in the Philippine Islands, $400,000, to be available until expended.

Engineering experiment station, United States Naval Academy, Annapolis, Maryland—Experimental and research work: For original investigation and extended experimentation of naval appliances; and for the purchase of such machines and auxiliaries considered applicable for test and use in the naval service, and for maintenance of buildings and grounds, $60,000.

Equipment of building: For extension of steam, air, and water lines, and electric circuits; for foundations for machinery; for purchase and installation of additional testing instruments and apparatus, $20,000.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: One professor of mathematics, one of mechanical drawing, one of English, one of French, and one of Spanish, at $3,000 each.

Three professors, namely, one of English, one of French, and one of Spanish, at $2,640 each.

Five instructors, at $2,400 each.

Four instructors, at $2,160 each.

Ten instructors, at $1,800 each.

No part of any sum in this Act appropriated shall be expended in the pay or allowances of any commissioned officer of the Navy detailed for duty as an instructor at the United States Naval Academy to perform duties which were performed by civilian instructors on January first, nineteen hundred and thirteen.

One swordmaster, $1,600; one assistant, $1,200; and two assistants at $1,000 each; two instructors in physical training, at $1,500 each; and one assistant instructor in physical training, at $1,000; and one instructor in gymnastics, $1,200; one assistant librarian, $2,160; one cataloguer, $1,200; and two shelf assistants, at $900 each; one secretary of the Naval Academy, $2,400; two clerks, at $1,500 each; four clerks, at $1,200 each; four clerks, at $1,000 each; four clerks, at $900 each; two clerks, at $840 each; one draftsman, $1,200; one surveyor, $1,200; services of organist at chapel, $300; one captain of the watch, $924; one second captain of the watch, $828; twenty-two watchmen, at $732 each; three telephone switchboard operators, at $600 each. In all, pay of professors and others, Naval Academy, $118,556.

DEPARTMENT OF ORDNANCE AND GUNNERY: One mechanic, $960, and one at $750; one armorer, $660; one chief gunner's mate, $540; three quarter gunners, at $480 each; in all, $4,350.

DEPARTMENTS OF ELECTRICAL ENGINEERING AND PHYSICS: One electrical machinist, at $1,100; one electrical machinist, at $1,000; two mechanics, at $1,000 each; in all, $4,100.

DEPARTMENT OF SEAMANSHIP: One cockswain, $480; three seamen, at $420 each; in all, $1,740.

DEPARTMENT OF MARINE ENGINEERING AND NAVAL CONSTRUCTION: One master machinist, $1,900, and one assistant, $1,300; one pattern maker, $1,300; one boiler maker, one blacksmith, three

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machinists, one molder, and one coppersmith, at $1,180 each; one draftsman, $2,000; machinists and other employees, $6,768; in all, $21,528.

COMMISSARY DEPARTMENT: One chief cook, $1,200; four cooks, at $600 each, and eight assistants, at $300 each; one steward, $1,200, and one assistant, $600; one head waiter, $720, and two assistants, at $480 each; two pantry men, at $420 each; one chief baker, at $1,200; one baker, $600; two assistants, at $540 each, and one assistant, $420; necessary waiters, at $16 per month each, $13,440; one messenger to the superintendent, $600; twenty-seven attendants, at $300 each; in all, $35,760.

In all, civil establishment, $186,034.

CURRENT AND MISCELLANEOUS EXPENSES, NAVAL ACADEMY: Text and reference books for use of instructors; stationery, blank books and forms, models, maps, and periodicals; apparatus and materials for instruction in physical training and athletics; expenses of lectures and entertainments not exceeding $1,000, including pay and expenses of lecturer; chemicals, philosophical apparatus and instruments, stores, machinery, tools, fittings, apparatus, and materials for instruction purposes, $28,000.

Purchase, binding, and repair of books for the library (to be purchased in the open market on the written order of the superintendent), $2,500.

Expenses of the Board of Visitors of the Naval Academy, being actual expenses while engaged upon duties as members of the board not to exceed $5 a day and actual expenses of travel by the shortest mail routes, and for clerk hire, and other incidental and necessary expenses of the board, $500.

For contingencies for the superintendent of the academy, to be expended in his discretion, $2,500.

In all, current and miscellaneous expenses, $33,500.

MAINTENANCE AND REPAIRS, NAVAL ACADEMY: For general maintenance and repairs at the Naval Academy, namely: For necessary repairs of public buildings, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, and fixtures; for books, periodicals, maps, models, and drawings; purchase and repair of fire engines; fire apparatus and plants; machinery; purchase and maintenance of all horses and vehicles for use at the academy, including the maintenance, operation, and repair of three horse-drawn passenger-carrying vehicles to be used only for official purposes; seeds and plants; tools and repairs of the same; stationery; furniture for Government buildings and offices at the academy; coal and other fuel; candles, oil, and gas; attendance on light and power plants; cleaning and clearing up station and care of buildings; attendance on fires, lights, fire engines, fire apparatus, and plants, and telephone, telegraph, and clock systems; incidental labor; advertising, water tax, postage, telephones, telegrams, tolls, and ferriage; flags and awnings; packing boxes; fuel for heating and lighting bandsmen's quarters; pay of inspectors and draftsmen; music, musical and astronomical instruments; and for the pay of employees on leave, $275,000.

Rent of buildings for the use of the academy, and commutation of rent for bandsmen, at $8 per month each, $4,116.

In all, Naval Academy, $498,650.

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MARINE CORPS.

PAY, MARINE CORPS: For pay and allowances prescribed by law of officers on the active list, including clerks for assistant paymasters, five, $980,799.50: *Provided*, That the increased compensation as now fixed by law for the Marine Corps for foreign shore service shall hereafter be paid to the officers and enlisted men of that corps while on sea duty, in the same manner and under the same conditions as is provided by the Act approved May thirteenth, nineteen hundred and eight, for officers of the Navy.

For pay of officers prescribed by law, on the retired list: For three major generals, four brigadier generals, six colonels, five lieutenant colonels, ten majors, nineteen captains, twelve first lieutenants, four second lieutenants, and one paymaster's clerk, and for officers who may be placed thereon during the year, including such increased pay as is now or may hereafter be provided for retired officers regularly assigned to active duty, $189,702.50.

Pay of enlisted men, active list: Pay of noncommissioned officers, musicians, and privates, as prescribed by law, and the number of enlisted men shall be exclusive of those undergoing imprisonment with sentence of dishonorable discharge from the service at the expiration of such confinement, and for the expenses of clerks of the United States Marine Corps traveling under orders, and including additional compensation for enlisted men of the Marine Corps regularly detailed as gun captains, gun pointers, mess sergeants, cooks, messmen, signalmen, or holding good-conduct medals, pins, or bars, including interest on deposits by enlisted men, post-exchange debts of deserters, under such rules as the Secretary of the Navy may prescribe, and the authorized travel allowance of discharged enlisted men and for prizes for excellence in gunnery exercise and target practice, both afloat and ashore: *Provided*, That the number of gunnery sergeants heretofore authorized is increased by twenty; that the number of sergeants heretofore authorized is increased by twenty; that the number of corporals heretofore authorized is increased by seventy; and that the number of privates heretofore authorized is decreased by one hundred and ten. In all, $2,932,764.05.

For pay and allowances prescribed by law of enlisted men on the retired list: For six sergeants major, one drum major, twenty-six gunnery sergeants, twenty-nine quartermaster sergeants, thirty-six first sergeants, seventy-one sergeants, twenty corporals, twenty first-class musicians, one drummer, one trumpeter, one fifer, and twenty-six privates, and for those who may be retired during the fiscal year, $160,857.

Undrawn clothing: For payment to discharged enlisted men for clothing undrawn, $120,000.

Mileage: For mileage to officers traveling under orders without troops, $45,000.

For commutation of quarters of officers on duty without troops where there are no public quarters, $46,000.

PAY OF CIVIL FORCE: In the office of the major general commandant: One chief clerk, at $2,000; one clerk, at $1,400; one messenger, at $971.28.

In the office of the paymaster: One chief clerk, at $2,000; one clerk, at $1,500; one clerk, at $1,200.

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In the office of the adjutant and inspector: One chief clerk, at $2,000; one clerk, at $1,500; one clerk, at $1,400; one clerk, at $1,200.

In the office of the quartermaster: One chief clerk, at $2,000; one clerk, at $1,500; two clerks, at $1,400 each; two clerks, at $1,200 each; one draftsman, at $1,800.

In the office of the assistant quartermaster, San Francisco, California: One chief clerk, at $1,800.

In the office of the assistant quartermaster, Philadelphia, Pennsylvania: One chief clerk, at $1,800; one messenger, at $840; in the quartermaster's department, for duty where their services are required, four clerks, at $1,400 each.

In all, for pay of civil force, $35,711.28, and the money herein specifically appropriated for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law as pay of the Marine Corps, and for that purpose shall constitute one fund.

In all, pay, Marine Corps, $4,510,834.33.

MAINTENANCE, QUARTERMASTER'S DEPARTMENT, MARINE CORPS.

PROVISIONS, MARINE CORPS: For noncommissioned officers, musicians, and privates serving ashore; subsistence and lodging of enlisted men when traveling on duty, or cash in lieu thereof; commutation of rations to enlisted men regularly detailed as clerks and messengers; payments of board and lodging of applicants for enlistment while held under observation, recruits, and recruiting parties; transportation of provisions, and the employment of necessary labor connected therewith; ice machines and their maintenance where required for the health and comfort of the troops and for cold storage; ice for offices and preservation of rations, $890,000. No law shall be construed to entitle enlisted men on shore duty to any rations or commutation therefor other than such as are now or may hereafter be allowed enlisted men in the Army: *Provided, however,* That when it is impracticable or the expense is found greater to supply marines serving on shore duty in the island possessions and on foreign stations with the Army ration, such marines may be allowed the Navy ration or commutation therefor: *Provided,* That hereafter so much of this appropriation as may be necessary may be applied for the purchase, for sale to officers, enlisted men, and civilian employees, of such articles of subsistence stores as may from time to time be designated and under such regulations as may be prescribed by the Secretary of the Navy.

CLOTHING, MARINE CORPS: For noncommissioned officers, musicians, and privates, authorized by law, $620,063.

FUEL, MARINE CORPS: For heat and light for the authorized allowance of quarters for officers and enlisted men, and other buildings and grounds pertaining to the Marine Corps; fuel, electricity, and oil for cooking, power, and other purposes; and sales to officers, $164,000.

MILITARY STORES, MARINE CORPS: Pay of chief armorer, at $4 per diem; one mechanic, at $3 per diem; two mechanics, at $2.50 each per diem; one chief electrician, at $4 per diem, and one assistant electrician, at $3.50 per diem; per diem of enlisted men employed on constant labor for periods of not less than ten days; purchase of military equipments, such as rifles, revolvers, cartridge boxes, bayo-

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net scabbards, haversacks, blanket bags, canteens, rifle slings, swords, drums, trumpets, flags, waistbelts, waist plates, cartridge belts, spare parts for repairing rifles, machetes, purchase and repair of tents, field cots, field ovens, and stoves for tents; purchase and repair of instruments for bands, purchase of music and musical accessories; purchase and marking of prizes for excellence in gunnery and rifle practice; good-conduct badges; medals awarded to officers and enlisted men by the Government for conspicuous, gallant, and special service; incidental expenses of schools of application; construction, equipment, and maintenance of school, library, and amusement rooms and gymnasiums for enlisted men, and the purchase and repair of all articles of field sports for enlisted men; purchase and repair of signal equipment and stores; establishment and maintenance of targets and ranges, renting ranges, construction of buildings for temporary shelter and preservation of stores, and entrance fees in competitions; procuring, preserving, and handling ammunition and other necessary military supplies; in all, $307,737.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, and of applicants for enlistment between recruiting stations and recruit depots or posts, including ferriage and transfers en route, or cash in lieu thereof; toilet kits for issue to recruits upon their first enlistment and the expense of the recruiting service, $317,000.

REPAIRS OF BARRACKS, MARINE CORPS: Repairs and improvements to barracks, quarters, and other public buildings at posts and stations; for the renting, leasing, improvement, and erection of buildings in the District of Columbia, and at such other places as the public exigencies require; and for per diem to enlisted men employed under the direction of the Quartermaster's Department on the repair of barracks, quarters, and other public buildings on constant labor for periods of not less than ten days, $140,000.

FORAGE, MARINE CORPS: For forage in kind and stabling for public animals of the Quartermaster's Department and the authorized number of officers' horses, $22,200.

COMMUTATION OF QUARTERS, MARINE CORPS: Commutation of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them; commutation of quarters for enlisted men employed as clerks and messengers in the offices of the commandant, adjutant and inspector, paymaster, and quartermaster, and the offices of the assistant adjutant and inspectors, assistant paymasters, assistant quartermasters, at $21 each per month, and for enlisted men employed as messengers in said offices, at $10 each per month, $79,000.

CONTINGENT, MARINE CORPS: For freight, expressage, tolls, cartage, advertising, washing of bed sacks, mattress covers, pillowcases, towels, and sheets, funeral expenses of officers and enlisted men and retired enlisted men of the Marine Corps, including the transportation of bodies and their arms and wearing apparel from the place of demise to the homes of the deceased in the United States; stationery and other paper, printing and binding; telegraphing, rent of telephones; purchase, repair, and exchange of typewriters; apprehension of stragglers and deserters; per diem of enlisted men employed on constant labor for periods of not less than

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ten days; employment of civilian labor; purchase, repair, and installation and maintenance of gas, electric, sewer, and water pipes and fixtures; office and barracks furniture, camp and garrison equipage and implements; mess utensils for enlisted men; packing boxes, wrapping paper, oilcloth, crash, rope, twine, quarantine fees, camphor and carbolized paper, carpenters' tools, tools for police purposes, safes; purchase, repair, and maintenance of such harness, wagons, motor wagons, carts, drays, motor-propelled and horse-drawn passenger-carrying vehicles, to be used only for official purposes, and other vehicles as are required for the transportation of troops and supplies and for official military and garrison purposes; purchase of public horses and mules; services of veterinary surgeons, and medicines for public animals, and the authorized number of officers' horses; purchase of mounts and horse equipment for all officers below the grade of major required to be mounted; shoeing for public animals and the authorized number of officers' horses; purchase and repair of hose, fire extinguishers, hand grenades, carts, wheelbarrows, and lawn mowers; purchase, installation, and repair of cooking and heating stoves and furnaces; purchase of towels, soap, combs, and brushes for offices; postage stamps for foreign and registered postage; books, newspapers, and periodicals; improving parade grounds; repair of pumps and wharves; water; straw for bedding, mattresses; mattress covers, pillows, sheets; furniture for Government quarters and repair of same; packing and crating officers' allowance of baggage on change of station; deodorizers, lubricants, disinfectants; and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify, $460,000.

In all, for the maintenance of Quartermaster's Department, Marine Corps, $3,000,000; and the money herein specifically appropriated for the maintenance of the Quartermaster's Department, Marine Corps, shall be disbursed and accounted for in accordance with existing law as maintenance, Quartermaster's Department, Marine Corps, and for that purpose shall constitute one fund.

Total Marine Corps, exclusive of public works, $7,510,834.33.

INCREASE OF THE NAVY.

That for the purpose of further increasing the Naval Establishment of the United States the President is hereby authorized to have constructed two first-class battleships, carrying as heavy armor and as powerful armament as any vessel of their class, to have the highest practicable speed and greatest desirable radius of action, and to cost, exclusive of armor and armament, not to exceed $7,800,000 each.

Six torpedo-boat destroyers, to have a speed of not less than thirty knots per hour and to cost, exclusive of armor and armament, not to exceed $925,000 each.

Provided, That three of said torpedo-boat destroyers herein authorized shall be built on the Pacific coast: *Provided further*, That the cost of construction on the Pacific coast does not exceed the cost of construction on the Atlantic coast plus the cost of transportation from the Atlantic to the Pacific.

Two submarines to be of seagoing type to have a surface speed of twenty-five knots or more if possible, but not less than twenty

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knots, to cost, exclusive of armor and armament, not exceeding $1,500,000 each, and sixteen submarines to cost, exclusive of armor and armament, not exceeding $550,000 each, and the sum of $4,090,000 is hereby appropriated for said purposes to be available until expended.

The following sums are hereby reappropriated out of the unobligated balances of the following appropriations for the Naval Establishment for the fiscal year ending June thirtieth, nineteen hundred and fourteen:

"Equipment of vessels," $625,000; "Steam machinery," $175,000, and made available for the construction of the submarine torpedo boats herein authorized.

Five of the submarine torpedo boats herein authorized shall be built on the Pacific coast: *Provided*, That the cost of construction on the Pacific coast does not exceed the cost of construction on the Atlantic coast plus the cost of transportation from the Atlantic to the Pacific.

One oil fuel ship, to cost, exclusive of armor and armament, not to exceed $1,140,000.

The Secretary of the Navy shall build any of the vessels herein authorized in such navy yards as he may designate should it reasonably appear that the persons, firms, or corporations, or the agents thereof, bidding for the construction of any of said vessels have entered into any combination, agreement, or understanding the effect, object, or purpose of which is to deprive the Government of fair, open, and unrestricted competition in letting contracts for the construction of any of said vessels: *Provided*, That the Secretary of the Navy is hereby authorized to build any of the vessels herein authorized in such navy yards as he may designate.

CONSTRUCTION AND MACHINERY: On account of hulls and outfits of vessels and machinery of vessels heretofore and herein authorized, to be available until expended, $20,664,459.

INCREASE OF THE NAVY; TORPEDO BOATS: On account of submarine torpedo boats heretofore authorized, to be available until expended, $1,341,344.

INCREASE OF THE NAVY, EQUIPMENT: The unexpended balance on June thirtieth, nineteen hundred and fifteen, shall be transferred to appropriation "Increase of the Navy, construction and machinery," and beginning with July first, nineteen hundred and fifteen, equipment outfits shall be charged to appropriation "Increase of the Navy, construction and machinery."

INCREASE OF THE NAVY; ARMOR AND ARMAMENT: Toward the armor and armament for vessels heretofore and herein authorized, to be available until expended, $18,957,998: *Provided*, That the committee appointed by the Act of June thirtieth, nineteen hundred and fourteen, (Public, numbered one hundred and twenty-one) is hereby continued to the regular session of Congress convening in December, nineteen hundred and fifteen, for the purpose of making such further investigation and report as may be deemed advisable.

Total increase of the Navy heretofore and herein authorized, $45,053,801.

The Secretary of the Navy is hereby directed to submit to the next regular session of Congress a report on building four warships of the type, power, and speed which, in his judgment based on the knowledge

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gained from the prevailing war in Europe, are best suited for war on the sea; also to report, in the light of that war, the value and uses in naval warfare of aeroplanes, dirigibles, balloons, and submarines.

Of each of the sums appropriated by this Act, except such amounts as may be required to meet obligations authorized in previous Acts and for which contracts have been made, no part shall be used to procure through purchase or contract any vessels, armament, articles, or materials, which the navy yards, gun factories, or other industrial plants operated by the Navy Department are equipped to supply, unless such Government plants are operated approximately at their full capacity for not less than one regular shift each working day, except when contract costs are less than costs in said Government plants, and except when said Government plants are unable to complete the work within the time required, and except in cases of emergency: *Provided*, That no part of the appropriations made in this Act shall be available for the salary or pay of any officer, manager, superintendent, foreman, or other person having charge of the work of any employee of the United States Government while making or causing to be made with a stop watch or other time-measuring device a time study of any job of any such employee between the starting and completion thereof, or of the movements of any such employee while engaged upon such work; nor shall any part of the appropriations made in this Act be available to pay any premium or bonus or cash reward to any employee in addition to his regular wages, except for suggestions resulting in improvements or economy in the operation of any Government plant.

That no part of any sum herein appropriated shall be expended for the purchase of structural steel, ship plates, armor, armament, or machinery from any persons, firms, or corporations who have combined or conspired to monopolize the interstate or foreign commerce or trade of the United States, or the commerce or trade between the States and any Territory or the District of Columbia, in any of the articles aforesaid, and no purchase of structural steel, ship plates, or machinery shall be made at a price in excess of a reasonable profit above the actual cost of manufacture. But this limitation shall in no case apply to any existing contract.

That no part of any sum herein appropriated under "Increase of the Navy" shall be used for the payment of any clerical, drafting, inspection, or messenger service, or for the pay of any of the other classified force under the various bureaus of the Navy Department, Washington, District of Columbia.

That no part of any sum appropriated by this Act shall be used for any expense of the Navy Department at Washington, District of Columbia, unless specific authority is given by law for such expenditure.

Approved, March 3, 1915.

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[PUBLIC—No. 241.]

[H. R. 15947.]

An Act Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and seventeen, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending June thirtieth, nineteen hundred and seventeen, and for other purposes:

PAY, MISCELLANEOUS.

The Secretary of the Navy shall send to Congress at the beginning of its next regular session a complete schedule or list showing the amount of money of all pay and for all allowances for each grade of officers in the Navy, including retired officers, and for all officers included in this Act and for all enlisted men so included.

For commissions and interests; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of civilian employees, and for actual and necessary traveling expenses of midshipmen while proceeding from their homes to the Naval Academy for examination and appointment as midshipmen; for actual traveling expenses of female nurses; actual expenses of officers while on shore patrol duty; hire of launches or other small boats in Asiatic waters; for rent of buildings and offices not in navy yards, including the rental of offices in the District of Columbia; expenses of courts-martial, prisoners and prisons, and courts of inquiry, boards of inspection, examining boards, with clerks' and witnesses' fees, and traveling expenses and costs; expenses of naval defense districts; stationery and recording; religious books; newspapers and periodicals for the naval service; all advertising for the Navy Department and its bureaus (except advertising for recruits for the Bureau of Navigation); copying; ferriage; tolls; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; recovery of valuables from shipwrecks; quarantine expenses; reports; professional investigation; cost of special instruction at home and abroad, including maintenance of students and attachés; information from abroad and at home, not exceeding $50,000, and the collection and classification thereof; all charges pertaining to the Navy Department and its bureaus for ice for the cooling of drinking water on shore (except at naval hospitals), telephone rentals and tolls, telegrams, cablegrams, and postage, foreign and domestic, and post-office box rentals; and other necessary and incidental expenses: *Provided,* That the sum to be paid out of the appropriation, under the direction of the Secretary of the Navy, for clerical, inspection, and messenger service in navy yards, naval stations, and purchasing pay offices for the fiscal year ending

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June thirtieth, nineteen hundred and seventeen, shall not exceed $190,000, and for necessary expenses for the interned persons and prisoners of war under the jurisdiction of the Navy Department, including funeral expenses for such interned persons or prisoners of war as may die while under such jurisdiction; in all, $915,000: *Provided*, That hereafter expenditures from the appropriation for obtaining information from abroad and at home shall be accounted for specifically, if, in the judgment of the Secretary of the Navy, they may be made public, and he shall make a certificate of the amount of such expenditures as he may think it advisable not to specify, and every such certificate shall be deemed a sufficient voucher for the sum therein expressed to have been expended: *Provided further*, That hereafter any civilian employee of the Navy Department who is a citizen of the United States and employed at any station outside the continental limits of the United States may, in the discretion of the Secretary of the Navy, after at least two years' continuous, faithful, and satisfactory service abroad, and subject to the interests of the public service, be granted accrued leave of absence, with pay, for each year of service, and if an employee should elect to postpone the taking of any or all of the leave to which he may be entitled in pursuance hereof such leave may be allowed to accumulate for a period of not exceeding four years, the rate of pay for accrued leave to be the rate obtaining at the time the leave is granted.

Hereafter interned persons and prisoners of war, under the jurisdiction of the Navy Department, who are or may become insane, shall be entitled to admission for treatment to the Government Hospital for the Insane.

Hereafter the Chief of Naval Operations, while so serving as such Chief of Naval Operations, shall have the rank and title of admiral, to take rank next after The Admiral of the Navy, and shall, while so serving as Chief of Naval Operations, receive the pay of $10,000 per annum and no allowances. All orders issued by the Chief of Naval Operations in performing the duties assigned him shall be performed under the authority of the Secretary of the Navy, and his orders shall be considered as emanating from the Secretary, and shall have full force and effect as such. To assist the Chief of Naval Operations in performing the duties of his office there shall be assigned for this exclusive duty not less than fifteen officers of and above the rank of lieutenant commander of the Navy or major of the Marine Corps: *Provided*, That if an officer of the grade of captain be appointed Chief of Naval Operations he shall have the rank and title of admiral, as above provided, while holding that position: *Provided further*, That should an officer, while serving as Chief of Naval Operations, be retired from active service he shall be retired with the lineal rank and the retired pay to which he would be entitled had he not been serving as Chief of Naval Operations.

Hereafter an officer of the Corps of Civil Engineers may be detailed as assistant to the Chief of the Bureau of Yards and Docks and an officer of the Corps of Naval Constructors as assistant to the Chief of Bureau of Construction and Repair; and, in case of death, resignation, absence, or sickness of the chief of bureau, shall, unless otherwise directed by the President, as provided by section one hundred and seventy-nine of the Revised Statutes, perform the duties of such chief until his successor is appointed or such absence or sickness shall

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cease; and hereafter an officer of the line of the Navy or Marine Corps may be detailed as assistant to the Judge Advocate General of the Navy, who shall, under similar conditions, perform the duties of the Judge Advocate General.

Hereafter such amount may be expended annually for pay of drafting, technical, and inspection force from the several lump sum appropriations in which specific authority for such expenditure is given, as the Secretary of the Navy may deem necessary within the limitation of appropriation provided for such service in said lump sum appropriations at such rates of compensation as the Secretary of the Navy may prescribe; and the Secretary of the Navy shall each year, in the annual estimates, report to Congress the number of persons so employed, their duties, and the amount paid to each.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses, exclusive of personal services in the Navy Department, or any of its subordinate bureaus or offices at Washington, District of Columbia, arising at home or abroad, but impossible to be anticipated or classified, to be expended on the approval and authority of the Secretary of the Navy, and for such purposes as he may deem proper, $46,000.

For actual expenses incurred by and in connection with the civilian Naval Consulting Board, $25,000.

FUEL OIL: For an investigation of fuel oil and gasoline adapted to naval requirements, including the question of supply and storage and the availability economically and otherwise of such supply as may be afforded by the naval reserves on the public domain, and for the purchase of necessary instruments and appliances and the extension of the naval fuel-oil equipment plant at the navy yard, Philadelphia, Pennsylvania, and the temporary employment of civilian fuel-oil experts and assistants, $60,000.

AVIATION: For aviation, to be expended under the direction of the Secretary of the Navy for procuring, producing, constructing, operating, preserving, storing, and handling aircraft, including rigid dirigibles, and appurtenances, maintenance of aircraft stations and experimental work in development of aviation for naval purposes, $3,500,000: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for drafting, clerical, inspection, and messenger service for aircraft stations shall not exceed $25,000.

ADVISORY COMMITTEE FOR AERONAUTICS: For traveling expenses of members and employees, $2,000; two technical assistants, at $2,500 each; one clerk, at $1,500; one clerk, at $1,000; one draftsman, at $2,000; one draftsman, at $1,000; two laborers, at $660 each; three mechanics, at $1,200 each; rent of office, $1,200; supplies, $7,800; special reports, $5,000; movable combination field office, machine shop, dynamometer shed, hangar, and power plant, $15,000; dynamometer carriage and truck, $18,000; aeroplane, including motor, $10,000; transmission dynamometer, $1,000; ripograph, $1,000; stabilizer, $1,500; anemometers, barographs, inclinometers, incidence indicators, $1,500; miscellaneous supplies, spare parts for operation of field plant, $5,580; in all, $85,000.

ARMING AND EQUIPPING NAVAL MILITIA: For the pay, subsistence, and transportation of such portion of the Naval Militia as shall engage in actual service or instruction afloat or on shore, and for pay,

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transportation, and subsistence of any part of the Naval Militia as shall participate in any cruise, maneuvers, field instruction, or encampment of any part of the Regular Navy afloat or on shore; for prizes, trophies, and badges for excellence in gunnery exercises and target practice of the Naval Militia; for the purpose of providing for issue to the Naval Militia any stores and supplies or publications which are supplied to the Navy by any department for the actual and necessary traveling expenses, together with a per diem not to exceed $10 to be established by the Secretary of the Navy, of the Naval Militia Board appointed by the Secretary of the Navy; and for the necessary clerical and office expenses of the Division of Naval Militia Affairs in the office of the Secretary of the Navy, and for retainer pay of officers and enlisted men, and traveling and other necessary expenses of the Naval Militia and National Naval Volunteers herein authorized, $1,270,737.73.

For the purchase, repair, and alteration of a ship for the Naval Militia of Illinois, $125,000; for the repair of the United States ship Topeka for the Naval Militia of Minnesota, $165,000; in all, $290,000.

STATE MARINE SCHOOLS: To reimburse the State and the city of New York, $125,000, and the State of Massachusetts, $125,000, for expenses incurred in the maintenance and support of marine schools in those States in accordance with section two of the Act entitled "An Act for the establishment of marine schools, and for other purposes," approved March fourth, nineteen hundred and eleven; in all, $250,000.

CARE OF LEPERS, ISLANDS OF GUAM AND CULION: Naval station, island of Guam: Maintenance and care of lepers, special patients, and for other purposes, including cost of transfer of lepers from Guam to the island of Culion, in the Philippines, and their maintenance, $14,000.

LEASE OF NAVAL LANDS: That authority be, and is hereby, given to the Secretary of the Navy, when in his discretion it will be for the public good, to lease for periods not exceeding five years and revocable at any time, such property of the United States under his control as may not for the time being be required for public use and for the leasing of which there is no authority under existing law, and such leases shall be reported annually to Congress: *Provided*, That the authority herein granted shall not be held to apply to oil, mineral, or phosphate lands: *Provided further*, That all moneys received from such leases shall be covered into the Treasury as miscellaneous receipts.

BUREAU OF NAVIGATION.

Transportation: For travel allowance of enlisted men discharged on account of expiration of enlistment; transportation of enlisted men and apprentice seamen and applicants for enlistment at home and abroad, with subsistence and transfers en route, or cash in lieu thereof; transportation to their homes, if residents of the United States, of enlisted men and apprentice seamen discharged on medical survey, with subsistence and transfers en route, or cash in lieu thereof; transportation of sick or insane enlisted men and apprentice seamen to hospitals, with subsistence and transfers en route, or cash in lieu thereof; apprehension and delivery of deserters and stragglers, and

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for railway guides and other expenses incident to transportation, $1,010,524.

Recruiting: Expenses of recruiting for the naval service; rent of rendezvous and expenses of maintaining the same; advertising for and obtaining men and apprentice seamen; actual and necessary expenses in lieu of mileage to officers on duty with traveling recruiting parties, $244,228.84: *Provided*, That any person who may hereafter enlist in the Navy for the first time shall, in time of peace, if he so elects, receive discharge therefrom without cost to himself during the month of June or December, respectively, following the completion of one year's service at sea. An honorable discharge may be granted under this provision; but when so granted shall not entitle the holder, in case of reenlistment, to the benefits of an honorable discharge granted upon completion of an enlistment: *And provided further*, That, at the time, he is not under charges, or undergoing punishment, or in debt to the Government: *Provided further*, That the President is authorized in his discretion to utilize the services of postmasters of the second, third, and fourth classes in procuring the enlistment of recruits for the Navy and the Marine Corps, and for each recruit accepted for enlistment in the Navy or the Marine Corps, the postmaster procuring his enlistment shall receive the sum of $5.

Contingent: Ferriage, continuous-service certificates, discharges, good-conduct badges, and medals for men and boys; purchase of gymnastic apparatus; transportation of effects of deceased officers and enlisted men of the Navy; books for training apprentice seamen and landsmen; maintenance of gunnery and other training classes, packing boxes and materials; books and models; stationery; and other contingent expenses and emergencies arising under cognizance of the Bureau of Navigation, unforeseen and impossible to classify, $10,000.

GUNNERY AND ENGINEERING EXERCISES: Prizes, trophies, and badges for excellence in gunnery, target practice, engineering exercises and for economy in coal consumption to be awarded under such rules as the Secretary of the Navy may formulate; for the purposes of printing, recording, classifying, compiling, and publishing the rules and results; for the establishment and maintenance of shooting galleries, target houses, targets and ranges; for hiring established ranges, and for transporting the civilian assistants and equipment to and from ranges, $135,000.

OUTFITS ON FIRST ENLISTMENT: Outfits for all enlisted men and apprentice seamen of the Navy on first enlistment, at not to exceed $60 each, $2,065,920.

MAINTENANCE OF NAVAL AUXILIARIES: Pay, transportation, shipping, and subsistence of civilian officers and crews of naval auxiliaries, and all expenses connected with naval auxiliaries employed in emergencies which can not be paid from other appropriations, $1,069,460.

Instruments and supplies: Supplies for seamen's quarters; and for the purchase of all other articles of equipage at home and abroad; and for the payment of labor in equipping vessels therewith and manufacture of such articles in the several navy yards; all pilotage and towage of ships of war; canal tolls, wharfage, dock and port charges, and other necessary incidental expenses of a similar nature;

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services and materials in repairing, correcting, adjusting, and testing compasses on shore and on board ship; nautical and astronomical instruments and repairs to same; libraries for ships of war, professional books, schoolbooks, and papers; compasses, compass fittings, including binnacles, tripods, and other appendages of ship's compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; photographs, photographic instruments and materials, printing outfit and materials, $350,000.

OCEAN AND LAKE SURVEYS: Hydrographic surveys, including the pay of the necessary hydrographic surveyors, cartographic draftsmen and recorders, and for the purchase and printing of nautical books, charts, and sailing directions, $105,000: *Provided*, That the Secretary of the Navy is authorized to detail such naval officers not exceeding four as may be necessary to the Hydrographic Office.

NAVAL TRAINING STATION, CALIFORNIA: Maintenance of naval training station, Yerba Buena Island, California: Labor and material; buildings and wharves; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same, including the maintenance, repair, and operation of one horse-drawn passenger-carrying vehicle to be used only for official purposes; fire engines and extinguishers; gymnastic implements, models and other articles needed in instruction of apprentice seamen; printing outfit and materials, and maintenance of same; heating and lighting; stationery, books, schoolbooks, and periodicals; fresh water, and washing; packing boxes and materials; and all other contingent expenses; maintenance of dispensary building; lectures and suitable entertainments for apprentice seamen; in all, $70,000.

NAVAL TRAINING STATION, RHODE ISLAND: Maintenance of naval training station, Coasters Harbor Island, Rhode Island: Labor and material; buildings and wharves; dredging channels; extending sea walls; repairs to causeway and sea wall; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same, including the maintenance, repair, and operation of two horse-drawn passenger-carrying vehicles to be used only for official purposes; fire engines and extinguishers; gymnastic implements; models and other articles needed in instruction of apprentice seamen; printing outfit and materials, and maintenance of same; heating and lighting; stationery, books, schoolbooks, and periodicals; fresh water, and washing; packing boxes and materials; and all other contingent expenses; lectures and suitable entertainments for apprentice seamen; in all, $85,000: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, drafting, inspection, and messenger service for the fiscal year ending June thirtieth, nineteen hundred and seventeen, shall not exceed $5,701.60.

NAVAL TRAINING STATION, GREAT LAKES: Maintenance of naval training station: Labor and material; general care, repairs, and improvements of grounds, buildings, and piers; street car fare; purchase and maintenance of live stock, and attendance on same; motor-

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propelled vehicles, wagons, carts, implements, and tools, and repairs to same, including the maintenance, repair, and operation of one motor-propelled passenger-carrying vehicle, and one horse-drawn passenger-carrying vehicle to be used only for official purposes; fire apparatus and extinguishers; gymnastic implements; models and other articles needed in instruction of apprentice seamen; printing outfit and material, and maintenance of same; heating and lighting, and repairs to power-plant equipment, distributing mains, tunnel, and conduits; stationery, books, schoolbooks, and periodicals; washing; packing boxes and materials; lectures and suitable entertainments for apprentice seamen; and all other contingent expenses: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, drafting, inspection, and messenger service for the fiscal year ending June thirtieth, nineteen hundred and seventeen, shall not exceed $1,500; in all, naval training station, Great Lakes, $80,000.

NAVAL TRAINING STATION, SAINT HELENA: Maintenance of naval training station; labor and material, general care, repairs, and improvements; schoolbooks; and all other incidental expenses, $25,000.

NAVAL WAR COLLEGE, RHODE ISLAND: For maintenance of the Naval War College on Coasters Harbor Island, including the maintenance, repair, and operation of one horse-drawn passenger-carrying vehicle to be used only for official purposes; and care of grounds for same, $35,250; services of a lecturer on international law, $2,000; services of civilian lecturers, rendered at the War College, $300; care and preservation of the library, including the purchase, binding, and repair of books of reference and periodicals, $1,300: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, inspection, drafting, and messenger service for the fiscal year ending June thirtieth, nineteen hundred and seventeen, shall not exceed $22,500; in all, Naval War College, Rhode Island, $38,850.

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA, PAY OF EMPLOYEES: One secretary, $1,600; one foreman mechanic, $1,500; one superintendent of grounds, at $720; one steward, at $720; one store laborer, at $480; one matron, at $420; one beneficiaries' attendant, at $300; one chief cook, at $480; one assistant cook, at $360; one assistant cook, at $300; one chief laundress, at $240; five laundresses, at $192 each; four scrubbers, at $192 each; one head waitress, at $300; eight waitresses, at $192 each; one kitchen servant, at $360; eight laborers, at $360 each; one stable keeper and driver, at $480; one master-at-arms, at $720; two house corporals, at $300 each; one barber, at $360; one carpenter, at $846; one painter, at $846; one painter, at $720; one engineer for elevator and machinery, $720; five laborers, at $540 each; one laborer, at $420; one laborer, at $360; total for employees, $22,696.

MAINTENANCE: Water rent, heating, and lighting; cemetery, burial expenses and headstones; general care and improvements of grounds, buildings, walls, and fences; repairs to power plant equipment, implements, tools, and furniture, and purchase of the same; music in chapel and entertainments for beneficiaries; stationery, books, and periodicals; transportation of indigent and destitute beneficiaries to the Naval Home, and of sick and insane beneficiaries,

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their attendants and necessary subsistence for both, to and from other Government hospitals; employment of such beneficiaries in and about the Naval Home as may be authorized by the Secretary of the Navy, on the recommendation of the governor; support of beneficiaries, and all other contingent expenses, including the maintenance, repair, and operation of three horse-drawn passenger-carrying vehicles, to be used only for official purposes, $54,421; in all, for Naval Home, $77,117, which sum shall be paid out of the income from the naval pension fund: *Provided*, That all moneys derived from the sale of material at the Naval Home, which was originally purchased from moneys appropriated from the income from the naval pension fund, and all moneys derived from the rental of Naval Home property, shall be turned into the naval pension fund.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel, material, and labor to be used in the general work of the Ordnance Department; for furniture at naval magazines, torpedo stations, and proving grounds; for maintenance of the proving ground and powder factory and for target practice; for the maintenance, repair, or operation of horse-drawn passenger-carrying vehicles, and one motor-propelled passenger-carrying vehicle, to be used only for official purposes at naval magazines, the naval proving ground, Indianhead, Maryland, and naval torpedo stations, and for pay of chemists, clerical, drafting, inspection, and messenger service in navy yards, naval stations, and naval magazines: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for chemists, clerical, drafting, inspection, watchmen, and messenger service in navy yards, naval stations, and naval magazines for the fiscal year ending June thirtieth, nineteen hundred and seventeen, shall not exceed $505,000; in all, $6,402,485.

Purchase and manufacture of smokeless powder, $1,800,000: *Provided*, That no part of any money appropriated by this Act shall be expended for the purchase of powder other than small arms powder at a price in excess of 53 cents a pound: *Provided further*, That in expenditures of this appropriation, or any part thereof, for powder, no powder shall at any time be purchased unless the powder factory at Indianhead, Maryland, shall be operated on a basis of not less than its full maximum capacity.

FOR NAVAL GUN FACTORY, WASHINGTON, DISTRICT OF COLUMBIA: New and improved machinery for existing shops, $150,000.

NAVAL MAGAZINE, PUGET SOUND, WASHINGTON: For the purchase of a light automobile for carrying passengers, to be used only for official purposes, $600.

PROJECTILE PLANT: Toward the erection and equipment of a plant for the manufacture of projectiles, on a site to be selected by the President, including the employment of all necessary expert, drafting, and clerical assistance (to cost when completed not exceeding $1,411,222), $705,611, to be available until expended.

ARMOR PLANT: The Secretary of the Navy is hereby authorized and directed to provide, either by the erection of a factory or by the pur-

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chase of a factory, or both, for the manufacture of armor for the vessels of the Navy; said factory or factories to have an annual capacity of not less than 20,000 tons of armor; to be located at a place or places approved by the General Board of the Navy, with especial reference to considerations of safety in time of war; and the sum of $11,000,000 is hereby appropriated, out of any money in the Treasury not otherwise appropriated, to be immediately available, for the purposes of this paragraph. And if the United States owns no suitable site or sites, authority is hereby given to acquire by purchase, condemnation, or gift such site or sites as may be necessary. The expenditures for drafting, technical, expert, and clerical assistance necessary shall be paid from the appropriation herein made.

The Secretary of the Navy shall keep accurate and itemized account of the cost per ton of the product of such factory or factories and report the same to Congress in his annual report.

NEW BATTERIES FOR SHIPS OF THE NAVY: For liners for eroded guns, to be available until June thirtieth, nineteen hundred and eighteen, $100,000.

BATTERIES FOR MERCHANT AUXILIARIES: For batteries for merchant auxiliaries (to cost not exceeding $3,300,000), to be available until expended, $1,650,000.

AMMUNITION FOR SHIPS OF THE NAVY: For procuring, producing, preserving, and handling ammunition for issue to ships, $13,720,000, to be available until expended.

TORPEDOES AND APPLIANCES: For the purchase and manufacture of torpedoes and appliances, to be available until June thirtieth, nineteen hundred and nineteen, $800,000.

AIR COMPRESSORS FOR DESTROYERS: For the purchase and manufacture of air compressors and equipment for destroyers, $195,000.

TORPEDO NETS FOR BATTLESHIPS: For the purchase and manufacture of torpedo nets and equipment, $480,000.

RESERVE ORDNANCE SUPPLIES: For a reserve of ordnance supplies to be available until June thirtieth, nineteen hundred and eighteen, $4,503,524.

TORPEDO STATION, NEWPORT, RHODE ISLAND: For labor and material; general care of and repairs to grounds, buildings, and wharves; boats, instruction, instruments, tools, experiments, and general torpedo outfits, $100,000.

For new and improved machinery and tools for torpedo factory, $100,000.

EXPERIMENTS, BUREAU OF ORDNANCE: For experimental work in the development of armor-piercing and torpedo shell and other projectiles, fuses, powders, and high explosives, in connection with problems of the attack of armor with direct and inclined fire at various ranges, including the purchase of armor, powder, projectiles, and fuses for the above purposes and of all necessary material and labor in connection therewith; and for other experimental work under the cognizance of the Bureau of Ordnance in connection with the development of ordnance material for the Navy, $100,000.

CONTINGENT BUILDING FUND: For minor extensions and improvements of public works under the cognizance of the Bureau of Ordnance, $10,000.

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REPAIRS BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, wharves, machinery, and other items of like character, $30,000.

CONTINGENT, BUREAU OF ORDNANCE: For miscellaneous items, namely, cartage, expenses of light and water at magazines and stations, tolls, ferriage, technical books, and incidental expenses attending inspection of ordnance material, $9,500.

BUREAU OF YARDS AND DOCKS.

MAINTENANCE, BUREAU OF YARDS AND DOCKS: For general maintenance of yards and docks, namely: For books, maps, models, and drawings; purchase and repair of fire engines; fire apparatus and plants; machinery; operation or repair, purchase, maintenance of horses and driving teams; carts, timber wheels, and all vehicles, including motor-propelled and horse-drawn passenger-carrying vehicles to be used only for official purposes, and including motor-propelled vehicles for freight-carrying purposes only for use in the navy yards; tools and repair of the same; stationery; furniture for Government houses and offices in navy yards and naval stations; coal and other fuel; candles, oil, and gas; attendance on light and power plants; cleaning and clearing up yards and care of buildings; attendance on fires, lights, fire engines, and fire apparatus and plants; incidental labor at navy yards; water tax, tolls, and ferriage; pay of watchmen in navy yards; awnings and packing boxes; and for pay of employees on leave, $1,774,000: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, inspection, drafting, messenger, and other classified work in the navy yards and naval stations for the fiscal year ending June thirtieth, nineteen hundred and seventeen, shall not exceed $625,000: *Provided further*, That hereafter worn-out motor-propelled vehicles for the Naval Establishment may be exchanged as a part of the purchase price of new ones.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses and minor extensions and improvements of public works at navy yards and stations, $50,000.

PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

NAVY YARD, PORTSMOUTH, NEW HAMPSHIRE: Toilet and locker facilities, $3,000.

NAVY YARD, BOSTON, MASSACHUSETTS: Additional air-compressor plant, $37,500; dredging, to continue, $10,000; ventilating system, $5,000; toilet and locker facilities, $12,000; in all, $64,500.

NAVY YARD, NEW YORK, NEW YORK: Dredging, to continue, $50,000; general distributing systems, $15,000; paving to continue, $10,000; ventilating system, $11,000; toilet and locker facilities, $7,000; improvements to heating system, $8,000; improvements to brass foundry, $7,900; in all, $108,900.

NAVY YARD, PHILADELPHIA, PENNSYLVANIA: Ventilating system, $9,000; toilet and locker facilities, $4,000; dredging, to continue, $25,000; dry dock (limit of cost, not exceeding $3,500,000), $500,000; in all, $538,000.

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For the purchase of ground adjoining Quartermaster's Depot, Marine Corps, Philadelphia, Pennsylvania, and the erection thereon of an addition to said depot, to cost, ground and building, not to exceed $175,000.

NAVY YARD, WASHINGTON, DISTRICT OF COLUMBIA: Additional gun shop (to cost exclusive of equipment not exceeding $600,000), $200,000; fireproof model storage, $65,000; fuel-oil storage, $18,000; toilet and locker facilities, $2,000; in all, $285,000.

For the acquisition by purchase or condemnation of such lands in the vicinity of the navy yard, Washington, District of Columbia, as in the judgment of the Secretary of the Navy it shall be deemed necessary or expedient to acquire for additions to said navy yard, $331,000, and in addition to said sum the unexpended balances of the appropriation in the Act of March third, nineteen hundred and seven (Thirty-fourth Statutes, page eleven hundred and eighty-seven), for a railroad bridge and track at the Washington Navy Yard, and of the appropriation in the Act of June twenty-fourth, nineteen hundred and ten (Thirty-sixth Statutes, pages six hundred and fifteen to six hundred and sixteen), authorizing the Secretary of the Navy to enter into an agreement with the Philadelphia, Baltimore and Washington Railroad Company for the construction of a track connection to the Washington Navy Yard, and the acquisition of land or property necessary in connection therewith, are hereby reappropriated and made available for the acquisition of such additional lands, and the several provisions of said Act of June twenty-fourth, nineteen hundred and ten, so authorizing the Secretary of the Navy to enter into said agreement, are hereby amended to read as follows: "The Secretary of the Navy is hereby authorized to enter into an agreement or agreements with such railroad company or companies as he may deem proper for the purpose of establishing, maintaining, and operating a sufficient and satisfactory track connection or connections with the railroad track system of the Washington Navy Yard as said system is now or may be hereafter established: *Provided*, That so much of said track connection or connections as can not be constructed over any right of way or property now or hereafter owned or occupied by such railroad company or companies shall be constructed wholly upon a suitable and satisfactory right of way to be provided by the United States, the title to which at all times remain in the United States: *Provided further*, That so far as may be consistent with the public interests said track connection or connections, with appurtenant turnouts and sidings, may be located and constructed in, upon, over, and through public grounds, space, and streets of the United States as the same are now or may be hereafter ascertained and established: *Provided further*, That the Secretary of the Navy is hereby authorized to acquire any part of the land or property necessary for said right of way by purchase or condemnation, and to secure the construction of the connections, sidetracks, turnouts, switches, and so forth, necessary to the proper operation of the yard system in connection with the said track connection or connections, and for the purpose of acquiring said right of way such part of the sums herein appropriated for additions to said navy yard as may be necessary are hereby made available: *Provided further*, That authority is hereby granted to the railroad company or com-

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panies, and its or their successors and assigns, entering into the agreement aforesaid, to construct, maintain, and operate a bridge and approaches thereto for such track connection across the Anacostia River, District of Columbia, at a point suitable to the interests of navigation to an available point within or in the vicinity of the said navy yard, in accordance with the provisions of the Act entitled 'An Act to regulate the construction of bridges over navigable waters,' approved March twenty-third, nineteen hundred and six: *Provided further*, That pending the completion of the track connection hereinbefore authorized and provided for the Philadelphia, Baltimore and Washington Railroad Company is hereby authorized to maintain its track connection with the said navy yard as at present existing and to continue the operation thereof under such rules and regulations as may be established by the Commissioners of the District of Columbia for the governance thereof: *Provided*, That within thirty days after the completion of the new track connection with the said navy yard hereinbefore authorized and provided for said Philadelphia, Baltimore and Washington Railroad Company shall, at its own expense, remove said existing track connection east of the west building line of Second Street east and restore and make the surface of the streets over and through which the same is laid satisfactory to the Commissioners of the District of Columbia: *Provided further*, That Congress reserves the right to alter, amend, or repeal this Act": *Provided further*, That in the event that the Secretary of the Navy shall be unable to acquire the land or lands, or any parcel or parcels thereof, necessary or expedient in his judgment for the purposes aforesaid at a price deemed by him to be reasonable, then and in that event he is hereby authorized and directed to acquire the same by condemnation proceedings in the Supreme Court of the District of Columbia, to be instituted upon his request by the Attorney General of the United States, and to be conducted in substantial accord with the provisions of the Act of Congress approved August twenty-third, eighteen hundred and ninety (Twenty-sixth Statutes, pages four hundred and twelve to four hundred and thirteen), providing a site for the enlargement of the Government Printing Office, which provisions are hereby made applicable to the proceedings for this purpose, and jurisdiction to hear and determine the same is hereby conferred upon the Supreme Court of the District of Columbia: *Provided further*, That the power and authority to acquire by purchase or condemnation, as the case may be, lands for the purposes aforesaid shall include the power and authority to purchase, condemn, or compensate for any wharves, bulkheads, structures, or other improvements upon any land, as well as any outstanding privately owned interests in the same, in the vicinity of the said navy yard deemed expedient for said additions within the area designated by the Secretary of the Navy that, though owned or claimed by the United States, is in the occupancy of private individuals, and the sums herein appropriated for are hereby made available for such purposes: *Provided further*, That upon the acquisition of the additional lands hereby authorized to be acquired all portions of public streets on which any squares acquired so abut and lying between the same, and all public alleys within said squares, together with such portions of streets and public alleys as lie between the present navy yard

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and the lands, or any part thereof, so acquired, are hereby abandoned and closed, and said portions of said streets and public alleys, together with the Government-owned land lying south of the north line of Potomac Avenue between the west boundary of the navy yard and the east line of Second Street east prolonged in a southerly direction, and such other Government-owned land along the water front of the Anacostia River lying between the east line of the said navy yard and the west line of Eleventh Street east prolonged in a southerly direction, shall be regarded as set apart and reserved for naval purposes: *Provided further*, That any balance not expended in said purchase or condemnation may be used toward improving the lands so added to the said navy yard and toward the extending of the railroad-track system thereof and connections thereto: *Provided further*, That the Commissioners of the District of Columbia are authorized to lease, for periods not exceeding ten years, such portions of Potomac Avenue and P Street between One-half Street and First Street southeast, together with public reservation numbered two hundred and forty-seven, and such portion of First Street southeast as may in their judgment be not needed for public use, together with a water frontage of Potomac Avenue and said portion of First Street, east, as abuts the Anacostia River and all the land of the United States in the area lying between said streets and avenue and the Anacostia River, to Lewis E. Smoot, of Washington, District of Columbia, at a rental to be fixed by said commissioners: *Provided further*, That the said Lewis E. Smoot shall surrender to the Government of the United States his present leasehold on wharf property now held by him which is included in the land proposed to be added to the navy yard under the provisions of this Act.

NAVY YARD, NORFOLK, VIRGINIA: Ventilating system, $15,000; toilet and locker facilities, $12,000; to complete one hundred and fifty ton crane, $265,000; dry dock (limit of cost, not exceeding $3,500,000), $500,000; one structural shop (cost not to exceed $1,000,000), $400,000; salvage and tools, $50,000; in all, $1,242,000.

The Secretary of the Navy is authorized to lease for a period not to exceed three years storage facilities in the vicinity of the navy yard, Norfolk, at an annual rental of not exceeding $16,000, to be paid out of the appropriation "Pay, miscellaneous."

BUILDINGS AND GROUNDS, NAVAL ACADEMY: Sea wall, $70,000.

MARINE RECRUITING STATION, PORT ROYAL, SOUTH CAROLINA: For a new building for the naval hospital and for necessary changes in existing buildings and equipment, $15,000.

NAVY YARD, CHARLESTON, SOUTH CAROLINA: Dredging, to continue, $12,000; toilet and locker facilities, $8,000; in all, $20,000.

Dredging Cooper River, approach to navy yard, Charleston, South Carolina, $175,000.

NAVY AERONAUTIC STATION, PENSACOLA, FLORIDA: To repair and reconstruct, where necessary, public works damaged by storm of July, nineteen hundred and sixteen, $420,000.

NAVAL STATION, NEW ORLEANS, LOUISIANA: To repair and reconstruct where necessary public works damaged in September, nineteen hundred and fifteen, by hurricane, $150,000, and the accounting officers of the Treasury are hereby authorized to transfer from this appropriation to the appropriation "Naval station, New Orleans,

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Louisiana," made by joint resolution approved April twenty-fifth, nineteen hundred and fourteen, the amount heretofore expended therefrom for such repairs and reconstruction.

NAVY YARD, MARE ISLAND, CALIFORNIA: Maintenance of dikes and dredging, $50,000; erecting shop, $25,000; toilet and locker facilities, $9,000; floating crane, revolving type (to cost not exceeding $600,000), $300,000; in all, $384,000.

The Secretary of the Navy is hereby authorized to purchase two hundred and thirty-two acres of land on or near the Bay of San Diego, San Diego County, California, to be used for advance base, expeditionary and aviation purposes, to cost not exceeding $250,000: *Provided*, That at the same time the city of San Diego, San Diego County, California, donates, free of encumbrance, to the United States Government a parcel of five hundred acres of adjoining tide lands of the Bay of San Diego, known as Dutch Flat, without cost to the United States Government for the purpose of establishing a naval base thereon.

NAVY YARD, PUGET SOUND, WASHINGTON: Dredging, to continue, $15,000; toilet and locker facilities, $3,000; in all, $18,000.

NAVAL STATION, PEARL HARBOR, HAWAII: Dry dock, to continue, $700,000.

The following-described part of the military reservation of Henry Barracks, at Cayey, Porto Rico, is hereby transferred to and placed under the control and jurisdiction of the Navy Department for use for naval purposes:

That part of the military reservation of Henry Barracks known as Magazine Hill, comprising that portion of said reservation lying westerly of Las Lleras (quebrada) and south and east of the Caguas and Guayama Roads, excepting a rectangular area in the northern extremity of said tract marked "Board Public Work" on the map of Henry Barracks prepared under the direction of Major H. C. Price, Porto Rico Regiment of Infantry, by Lieutenant Carlos M. Lopez, Porto Rico Regiment of Infantry, April twenty-seventh, nineteen hundred and fifteen, which land transferred to the Navy Department is shown in red on photostat copy of map bearing the legend "Henry Barracks, Cayey, Porto Rico. Map showing boundary lines of the original Spanish reservation and the present reservation as described in General Order Numbered Ninety-seven, War Department, July seventh, nineteen hundred and three, and General Order Numbered Thirty-one, War Department, February twenty-fourth, nineteen hundred and five. Compiled and corrected from existing maps under direction of Major H. C. Price, Porto Rico Regiment of Infantry, by Lieutenant Carlos M. Lopez, Porto Rico Regiment of Infantry, April twenty-seventh, nineteen hundred and fifteen," on file in the Navy Department; containing approximately fifty-nine acres, more or less.

The following-described part of the naval reservation on Fords (Mokuumeume) Island, island of Oahu, Territory of Hawaii, as shown on brown print bearing the legend "Military and Naval Reservations adjacent to Honolulu Harbor, Office Quartermaster General, December, nineteen hundred and fifteen," on file in the Navy Department, is hereby transferred to and placed under the control and jurisdiction of the War Department for use for military purposes:

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Beginning at a point marked by a concrete monument at the southeast corner of the land acquired by the United States from the John Ii estate through condemnation proceedings, which point has the coordinates two hundred and thirty and one-tenth feet south and eighty-seven and two-tenths feet west from "Ford No. 5" (Ford No. 5 being marked by a galvanized pipe in a concrete monument stamped "U. S. 1911," established by the United States district engineer office, and having coordinates eight thousand five hundred and seventy and ninety-nine hundredths feet south and ten thousand and eighty-seven and sixty-four hundredths feet east from the Ewa Territorial trigonometric station); thence north twenty-three degrees twelve minutes east one hundred and seventy-seven feet, more or less; thence north sixteen degrees no minutes east sixty-six feet, more or less, to a point on the shore line at high-water mark; thence southerly along high-water mark to a point marked by a concrete monument that is, with reference to the point of beginning, south fifty-one degrees no minutes east seventy feet, more or less, the southwesterly boundary of the said tract being formed by the line joining said last-mentioned point on the high-water line with the point of beginning: *Provided*, That this transfer is in no manner to interfere with the right of the Navy Department to make such use of the shoals and islets extending in a northeasterly direction from Fords Island as the needs of the naval service may require: *Provided further*, That there may be established over said military reservation, at such place as may be agreed upon by the Secretary of the Navy and the Secretary of War, a right of way for the use of the Navy from the remaining portion of the naval reservation on Fords Island to the said shoals and islets.

NAVAL STATION, TUTUILA, SAMOA: Officers' quarters, $4,000.

NAVAL STATION, GUAM: Water-front improvements, $1,000.

GUNS AND MUNITIONS STORAGE: For the storage of munitions of war at naval magazines, navy yards, and stations; Navy Yard, Washington, District of Columbia, gun storage, $23,000; Naval Magazine, Fort Mifflin, Pennsylvania, one magazine building, $25,000; mine storage, $25,000; Naval Magazine, Hingham, Massachusetts, one magazine building, $21,600; one shell house, $21,600; Naval Magazine, Iona Island, New York, detonating fuze house, $2,000; two subsurface magazines, $4,000; Naval Powder Depot, Lake Denmark, New Jersey, four subsurface magazines, $6,000; naval magazine, Kuahua, Hawaii, magazine for explosive "D," $3,000; naval magazine, Mare Island, California, shell house, $19,200; naval magazine, Puget Sound, Washington, extension of fuze and primer house, $2,500; Naval Magazine, Saint Juliens Creek, Virginia, storehouse, $16,000; Naval Proving Ground, Indianhead, Maryland, soda storehouses, $69,000; sulphur storehouses, $18,500; cotton storehouses, $19,000; Pacific Coast Torpedo Station, Keyport, Washington, magazine for war heads, $5,000; in all, $280,400.

NAVAL MAGAZINE, HINGHAM, MASSACHUSETTS: Smokeless powder test building, $1,300; quarters for guards, $5,000; in all, $6,300.

NAVAL PROVING GROUND, INDIANHEAD, MARYLAND: Three powder dry houses, $15,000; fire protection, $38,000; for the construction of a foot-passenger bridge over Mattawoman Creek, Charles County, Maryland, for the exclusive use of the Government of the United

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States under such rules and regulations as may be prescribed by the Secretary of the Navy, $25,000: *Provided*, That the said bridge shall be so constructed as not to interfere with the navigation of the said creek; fence around powder factory, $28,000; in all, $106,000.

NAVAL MAGAZINE, FORT MIFFLIN, PENNSYLVANIA: Office building, $5,000.

NAVAL MAGAZINE, IONA ISLAND, NEW YORK: Quarters for guards, $5,000.

NAVAL MAGAZINE, LAKE DENMARK, NEW JERSEY: Quarters for guards, $10,000.

NAVAL TORPEDO STATION, KEYPORT, WASHINGTON: Railroad system, $5,000; one officer's quarters, $6,000; in all, $11,000

NAVAL MAGAZINE, KUAHUA, HAWAII: Surveillance test house, $3,000; filling house for explosive D, $2,000; in all, $5,000.

NAVAL MAGAZINE, MARE ISLAND, CALIFORNIA: Laboratory and testing building, $3,000.

NAVAL TORPEDO STATION, NEWPORT, RHODE ISLAND: Seaman gunners' quarters, $105,000; sea wall and filling, $36,000; in all, $141,000.

NAVAL MAGAZINE, SAINT JULIENS CREEK, VIRGINIA: Filling house, $2,000; railroad system, $12,500; locomotive house, $3,500; for eighty-eight acres of additional land to be secured by purchase or condemnation or otherwise, as the Secretary of the Navy may direct, $60,000, or so much thereof as may be necessary; in all, $78,000.

NAVAL MAGAZINE, PUGET SOUND, WASHINGTON: Two filling houses, $3,000; guardhouse, $4,000; in all, $7,000.

DEPOTS FOR COAL AND OTHER FUEL: For fuel storage at Guantanamo Bay, Cuba, Pearl Harbor, Hawaii, and Guam, $460,000; for custody and care of naval petroleum reserves, $10,000; contingent, $30,000; in all, $500,000.

NAVAL COALING STATION, MELVILLE, RHODE ISLAND: Improvements to water supply, including purchase of land, $15,000.

The appropriation contained in the naval appropriation Act approved March third, nineteen hundred and fifteen, of $20,000 for the construction of a building for the storage of torpedoes at the naval torpedo station, Newport, Rhode Island, is hereby made available for expenditure for a like purpose at the naval coaling station, Melville, Rhode Island.

NAVAL HOSPITAL, CANACAO, PHILIPPINE ISLANDS: Six contagious-disease units, $3,600.

NAVAL HOSPITAL, CHELSEA, MASSACHUSETTS: Sea wall, $14,700.

NAVAL HOSPITAL, MARE ISLAND, CALIFORNIA: Mess hall, extension, $15,000.

NAVAL HOSPITAL, NEWPORT, RHODE ISLAND: Three contagious wards, $18,000.

MARINE BARRACKS, GUAM: Three officers' quarters, $10,000.

EXPERIMENTAL AND RESEARCH LABORATORY: For laboratory and research work on the subject of gun erosion, torpedo motive power, the gyroscope, submarine guns, protection against submarine, torpedo and mine attack, improvement in submarine attachments, improvement and development in submarine engines, storage batteries and propulsion, aeroplanes and aircraft, improvement in radio installations, and such other necessary work for the benefit of the Government service, including the construction, equipment, and operation

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of a laboratory, the employment of scientific civilian assistants as may become necessary, to be expended under the direction of the Secretary of the Navy (limit of cost not to exceed $1,500,000), $1,000,000: *Provided*, That nothing herein shall be construed as preventing or interfering with the continuation or undertaking of necessary experimental work during the fiscal year ending June thirtieth, nineteen hundred and seventeen, as heretofore conducted under other appropriations: *Provided further*, That the Secretary of the Navy shall make detailed reports to the Congress not later than June thirtieth, nineteen hundred and seventeen, and annually thereafter, showing the manner in which all expenditures hereunder have been made.

NAVAL TRAINING STATION, SAN FRANCISCO, CALIFORNIA: Water supply improvements, to be immediately available, $32,475.

NAVAL HOSPITAL, NEW YORK, NEW YORK: Remodeling house numbered four, $10,000.

REPAIRS AND PRESERVATION AT NAVY YARDS AND STATIONS: For repairs and preservation at navy yards, coaling depots, coaling plants, and stations, $1,100,000.

Total public works, $8,350,875, and the amounts herein appropriated therefor, except for repairs and preservation at navy yards and stations, shall be available until expended.

The President is hereby authorized to appoint a commission of five officers of the Navy not below the rank of commander to investigate and report at the beginning of the next regular session of Congress if practicable, and if not, as soon thereafter as practicable, as to the necessity, desirability, and advisability of establishing an additional navy yard or naval station on the Pacific coast of the United States. And if such a navy yard or naval station be recommended as necessary and advisable, said report shall designate the most suitable site and the estimated cost thereof, together with a detailed statement of the reasons for such designation and the nature and scope of the activities for naval purposes of such yard or station. In arriving at such designation the commission shall take into consideration all strategical and other military considerations as well as all industrial elements necessary for the economical and successful operation of such a yard or station, including local conditions as to labor and material. Said report shall also contain an estimated cost of the necessary buildings, shops, piers, sea walls, and equipment of said yard or station together with the estimated annual cost of maintenance thereof.

Said commission shall also investigate and report upon the necessity, desirability, and advisability of improving existing or establishing an additional navy yard or naval station on the Atlantic coast south of Cape Hatteras or on or near the United States coast of the Gulf of Mexico or in the Caribbean Sea of a character adequate for the proper naval defense of that portion of the country. Said report shall contain all the information of like character as directed in the preceding paragraph relating to the investigation and report as to the Pacific coast.

Said commission shall also investigate and report as to the necessity, desirability, and advisability of establishing submarine and aviation bases on the Atlantic, Gulf of Mexico, and Pacific coasts and

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other possessions of the United States, and as to the cost and location thereof:

Provided, That the sum of $10,000 is hereby appropriated to defray the expenses of said commission, including drafting, technical and clerical assistance in the Navy Department or elsewhere.

Said commission shall also investigate and report as to the necessity, desirability, and advisability of abolishing any existing navy yard or naval station, and if such action is recommended, to report fully the reasons therefor and the advantages to be obtained thereby.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy yards, naval stations, Marine Corps, and for the civil establishment at the several naval hospitals, navy yards, naval medical supply depots, Naval Medical School, Washington, and Naval Academy, and toward the accumulation of a reserve supply of medical stores, $921,740.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For tolls and ferriages; care, transportation, and burial of the dead; purchase of books and stationery, binding of medical records, unbound books, and pamphlets; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of non-passenger-carrying wagons, automobile ambulances, and harness; purchase of and feed for horses and cows; purchase, maintenance, repair, and operation of two passenger-carrying motor vehicles for naval dispensary, Washington, District of Columbia, to be used only for official purposes; trees, plants, care of grounds, garden tools, and seeds; incidental articles for the Naval Medical School and naval dispensary, Washington; naval medical supply depots, sick quarters at Naval Academy and marine barracks; washing for medical department at Naval Medical School and naval dispensary, Washington; naval medical supply depots, sick quarters at Naval Academy and marine barracks, dispensaries at navy yards and naval stations, and ships; and for minor repairs on buildings and grounds of the United States Naval Medical School and naval medical supply depots; rent of rooms for naval dispensary, Washington, District of Columbia, not to exceed $1,200; for the care, maintenance, and treatment of the insane of the Navy and Marine Corps on the Pacific coast, including supernumeraries held for transfer to the Government Hospital for the Insane; for dental outfits and dental material, not to exceed $38,000, and all other necessary contingent expenses; in all, $241,080: *Provided*, That the Secretary of the Navy, in his discretion, may expend $25,000 of said appropriation for the purchase of a dairy herd, land for pasturage, and erection of necessary buildings for the naval hospital at Las Animas, Colorado.

TRANSPORTATION OF REMAINS: To enable the Secretary of the Navy, in his discretion, to cause to be transferred to their homes the remains of officers and enlisted men of the Navy and Marine Corps who die or are killed in action ashore or afloat, and also to enable the Secretary of the Navy, in his discretion, to cause to be transported to their homes the remains of civilian employees who die outside of the continental limits of the United States, $24,908: *Provided*, That

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no deduction shall hereafter be made from the six months' gratuity pay allowed under the naval Act of August twenty-second, nineteen hundred and twelve, on account of expenses for funeral, interment, or for expenses of preparation and transportation of the remains: *Provided further*, That the sum herein appropriated shall be available for payment for transportation of the remains of officers and men who have died while on duty at any time since April twenty-first, eighteen hundred and ninety-eight, and shall be available until June thirtieth, nineteen hundred and eighteen.

In all, Bureau of Medicine and Surgery, $1,187,728.

HOSPITAL CORPS.

Hereafter the authorized strength of the Hospital Corps of the Navy shall equal three and one-half per centum of the authorized enlisted strength of the Navy and Marine Corps, and shall be in addition thereto, and as soon as the necessary transfers or appointments may be effected the Hospital Corps of the United States Navy shall consist of the following grades and ratings: Chief pharmacists, pharmacists, and enlisted men classified as chief pharmacists' mates; pharmacists' mates, first class; pharmacists' mates, second class; pharmacists' mates, third class; hospital apprentices, first class; and hospital apprentices, second class; such classifications in enlisted ratings to correspond respectively to the enlisted ratings, seamen branch, of chief petty officers; petty officers, first class; petty officers, second class; petty officers, third class; seamen, first class; and seamen, second class: *Provided*, That enlisted men of other ratings in the Navy and in the Marine Corps shall be eligible for transfer to the Hospital Corps, and men of that corps to other ratings in the Navy and the Marine Corps.

The President may hereafter, from time to time, appoint as many pharmacists as may be deemed necessary, from the rating of chief pharmacist's mate, subject to such moral, physical, and professional examinations and requirements as to length of service as the Secretary of the Navy may prescribe: *Provided*, That the pharmacists now in the Hospital Corps of the United States Navy or hereafter appointed therein in accordance with the provisions of this Act shall have the same rank, pay, and allowances as are now or may hereafter be allowed other warrant officers.

Pharmacists shall, after six years from the date of warrant, be commissioned chief pharmacists after passing satisfactorily such examinations as the Secretary of the Navy may prescribe, and shall, when so commissioned, have the same rank, pay, and allowances as now or may hereafter be allowed other commissioned warrant officers: *Provided*, That the pharmacists at present in the service who have served or may hereafter serve six or more years in that grade shall be eligible for promotion to the grade of chief pharmacist upon satisfactorily passing the examinations provided for in this Act.

The Secretary of the Navy is hereby empowered to limit and fix the numbers in the various ratings.

Section three of an Act entitled "An Act to organize a Hospital Corps of the Navy of the United States; to define its duties and regulate its pay," approved June seventeenth, eighteen hundred and

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ninety-eight, be, and the same is hereby, repealed, and the pay, allowances, and emoluments of the enlisted men of the Hospital Corps shall be the same as are now, or may hereafter be, allowed for respective corresponding ratings, except the rating of turret captain of the first class in the seaman branch of the Navy: *Provided*, That the pay of the rating of the chief pharmacist's mate shall be the same as that now allowed for the existing rating of hospital steward.

Hospital and ambulance service with such commands and at such places as may be prescribed by the Secretary of the Navy, shall be performed by members of said corps, and the corps shall be a constituent part of the Medical Department of the Navy; and the enlisted men thereof shall be a part of the enlisted force provided by law for the Navy.

Officers and enlisted men of the Medical Department of the Navy, serving with a body of marines detached for service with the Army in accordance with the provisions of section sixteen hundred and twenty-one of the Revised Statutes, shall, while so serving, be subject to the rules and articles of war prescribed for the government of the Army in the same manner as the officers and men of the Marine Corps while so serving.

NAVAL DENTAL CORPS.

That the President of the United States is hereby authorized to appoint and commission, by and with the advice and consent of the Senate, dental surgeons in the Navy at the rate of one for each one thousand of the authorized enlisted strength of the Navy and Marine Corps, who shall constitute the Naval Dental Corps, and shall be a part of the Medical Department of the Navy. Original appointments to the Naval Dental Corps shall be probationary for a period of two years and may be revoked at any time during the probationary period by the President: *Provided*, That the rank of such officers of the same date of appointment among themselves at the end of said probationary period shall be determined by the recommendations of an examining board appointed by the Secretary of the Navy, which board shall conduct a competitive examination, based upon both service record and professional attainments, in accordance with such regulations as may be prescribed by the Secretary of the Navy, and the rank of such officers so determined shall be as of date of original appointment with reference to other appointments to the naval service: *Provided further*, That all appointees to the grade of dental surgeon shall be citizens of the United States between twenty-four and thirty years of age, and shall be graduates of standard medical or dental colleges and trained in the several branches of dentistry, and who shall, before appointment, have successfully passed moral, physical, and professional examinations before medical and professional examining boards appointed by the Secretary of the Navy, and have been recommended for appointment by such boards.

Dental surgeons shall have the rank, pay, and allowances of lieutenants (junior grade) until they shall have completed five years' service. Dental surgeons of more than five but less than twenty years' service shall, subject to such examinations as the Secretary of the Navy may prescribe, have the rank, pay, and allowances of lieutenant. Dental surgeons of more than twenty years' service

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shall, subject to such examinations as the Secretary of the Navy may prescribe, have the rank, pay, and allowances of lieutenant commander: *Provided*, That the total number of dental surgeons with the rank, pay, and allowances of lieutenant commander shall not at any time exceed ten.

All officers now in the Dental Corps (including the officers appointed for temporary service) appointed under the provisions of the Act of August twenty-second, nineteen hundred and twelve, entitled "An Act making appropriations for the Naval Service for the fiscal year ending June thirtieth, nineteen hundred and thirteen, and for other purposes," and all officers now in active service appointed under the provisions of the Act of March fourth, nineteen hundred and thirteen, who were elibible for appointment to the Dental Corps under the provisions of said Act, shall be appointed dental surgeons in the Dental Corps without further examination and without regard to the age qualifications herein prescribed: *Provided*, That the officers so appointed shall not be subject to the provisions herein prescribed for probationary service for a period of two years: *Provided further*, That such officers shall, after appointment as herein prescribed, rank from date of commission and take seniority among themselves in the order of their original appointment by the Secretary of the Navy as shown on the Navy list on the date of approval of this Act: *And provided further*, That no dental surgeon appointed in accordance with the provisions of this Act who on original appointment to the Dental Corps was over forty years of age shall be eligible for retirement before he has reached the age of seventy years, except for physical disability incurred in the line of duty.

Dental surgeons who shall have lost numbers on the Navy list by sentence of court-martial or by failure upon examination for promotion shall be considered to have lost service accordingly for purposes of advancement in rank with increased pay and allowances.

DENTAL RESERVE CORPS.

That a Navy Dental Reserve Corps is hereby authorized to be organized and operated under the provisions of the Act approved August twenty-second, nineteen hundred and twelve, providing for the organization and operation of a Navy Medical Reserve Corps, and differing therefrom in no respect other than that the qualification requirements of the appointees shall be dental surgeons and graduates of reputable schools of medicine or dentistry instead of "reputable schools of medicine," and so many of said appointees may be ordered to temporary active service as the Secretary of the Navy may deem necessary to the health and efficiency of the personnel of the Navy and Marine Corps, provided the whole number of both Naval Dental Corps and Naval Dental Reserve Corps officers in active service shall not exceed in time of peace one to one thousand of the officers and enlisted men of the Navy and Marine Corps: *Provided*, That all officers now in the Navy Dental Reserve Corps shall be recommissioned in the Navy Dental Reserve Corps provided in this Act, in the order of their original appointment in said Corps, and hereafter when ordered to active duty officers of the Medical Reserve Corps and officers of the Dental Reserve Corps shall receive

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promotion in rank in the respective Reserve Corps under the same relative conditions and provisions of active service as is provided in this Act for the Naval Dental Corps.

BUREAU OF SUPPLIES AND ACCOUNTS.

PAY OF THE NAVY: Pay and allowances prescribed by law of officers on sea duty and other duty, $12,927,735.36; officers on waiting orders, $175,000; officers on the retired list, $3,124,527; commutation of quarters for officers on shore not occupying public quarters, including boatswains, gunners, carpenters, sailmakers, machinists, pharmacists, pay clerks, and mates, naval constructors, and assistant naval constructors, $510,000; and also members of Nurse Corps (female), $1,000; for hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there there are not sufficient quarters possessed by the United States to accommodate them, or commutation of quarters not to exceed the amount which an officer would receive were he not serving with troops, and hire of quarters for officers and enlisted men on sea duty at such times as they may be deprived of their quarters on board ship due to repairs or other conditions which may render them uninhabitable, $3,000; pay of enlisted men on the retired list, $443,134; extra pay to men reenlisting under honorable discharge, $1,016,000; interest on deposits by men, $12,000; pay of petty officers, seamen, landsmen, and apprentice seamen, including men in the engineers' force and men detailed for duty with the Fish Commission, sixty-eight thousand seven hundred men, and the President is hereafter authorized, whenever in his judgment a sufficient national emergency exists, to increase the authorized enlisted strength of the Navy to eighty-seven thousand men; and pay of enlisted men of the Hospital Corps, and for the pay of enlisted men detailed for duty with the Naval Militia, $30,655,704.29; pay of enlisted men undergoing sentence of court-martial, $225,000, and hereafter the number of enlisted men of the Navy shall be exclusive of those sentenced by court-martial to discharge; and as many machinists as the President may from time to time deem necessary to appoint; and six thousand apprentice seamen under training at training stations, and on board training ships, at the pay prescribed by law, $999,630; pay of the Nurse Corps, $119,182; rent of quarters for members of the Nurse Corps, $15,000; in all $50,226,912.65; and the money herein specifically appropriated for "Pay of the Navy" shall be disbursed and accounted for in accordance with existing law as "Pay of the Navy," and for that purpose shall constitute one fund: *Provided*, That the enlisted strength of the Navy authorized in this Act shall be deemed to include all enlistments heretofore made during this calendar year which may have been in excess of the number authorized by law at the time: *Provided further*, That the designation of the rating of coal passer be changed to fireman, third class, and that of ordinary seaman to seaman, second class, without change of pay; and that the Bureau of Navigation be authorized under rules established for the advancement of other enlisted men, to advance printers to the ratings of printer, first class, and chief printer, which ratings are hereby authorized with same pay and increases allowed to yeo-

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men, first class, and chief yeomen, respectively: *And provided further*, That the rating of storekeeper is hereby established in the artificer branch with the following rates of pay per month: Chief petty officer, $50; petty officer, first class, $40; petty officer, second class, $35; petty officer, third class, $30, subject to such increases of pay and allowances as are or may hereafter be authorized by law for the enlisted men of the Navy.

Hereafter in addition to the appointment of midshipmen to the United States Naval Academy, as now prescribed by law, the President is hereby allowed fifteen appointments annually instead of ten as now prescribed by law, and the Secretary of the Navy is allowed twenty-five appointments annually, instead of fifteen as now prescribed by law, the latter to be appointed from the enlisted men of the Navy who are citizens of the United States, and not more than twenty years of age on the date of entrance to the Naval Academy, and who shall have served not less than one year as enlisted men on the date of entrance: *Provided*, That such appointments shall be made in the order of merit from candidates who have in competition with each other passed the mental examination now or hereafter required by law for entrance to the Naval Academy, and who passed the physical examinations required before entrance under existing laws.

That hereafter the Secretary of the Navy is authorized to permit not exceeding four Filipinos, to be designated, one for each class, by the Governor General of the Philippine Islands, to receive instruction at the United States Naval Academy at Annapolis, Maryland: *Provided*, That the Filipinos undergoing instruction, as herein authorized, shall receive the same pay, allowances, and emoluments, to be paid out of the same appropriations, and shall be subject to the same rules and regulations governing admission, attendance, discipline, resignation, discharge, dismissal, and graduation as are authorized by law and regulation for midshipmen appointed from the United States, but the Filipino midshipmen herein authorized shall not be entitled to appointment to any commissioned office in the United States Navy by reason of their graduation from the Naval Academy.

COMMISSIONED PERSONNEL.

Hereafter the total number of commissioned officers of the active list of the line of the Navy, exclusive of commissioned warrant officers, shall be four per centum of the total authorized enlisted strength of the active list, exclusive of the Hospital Corps, prisoners undergoing sentence of discharge, enlisted men detailed for duty with the Naval Militia, and the Flying Corps: *Provided*, That the total number of commissioned line officers on the active list at any one time, exclusive of commissioned warrant officers, shall be distributed in the proportion of one of the grade of rear admiral to four in the grade of captain, to seven in the grade of commander, to fourteen in the grade of lieutenant commander, to thirty-two and one-half in the grade of lieutenant, to forty-one and one-half in the grades of lieutenant (junior grade) and ensign, inclusive: *Provided further*, That lieutenants (junior grade) shall have had not less than three years' service in that grade before being eligible for promotion to the grade of lieutenant.

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The total authorized number of commissioned officers of the active list of the following staff corps, exclusive of commissioned warrant officers, shall be based on percentages of the total number of commissioned officers of the active list of the line of the Navy as follows: Pay Corps, twelve per centum; Construction Corps, five per centum; Corps of Civil Engineers, two per centum; and that the total authorized number of commissioned officers of the Medical Corps shall be sixty-five one hundredths of one per centum of the total authorized number of the officers and enlisted men of the Navy and Marine Corps, including midshipmen, Hospital Corps, prisoners undergoing sentence of discharge, enlisted men detailed for duty with the Naval Militia, and the Flying Corps. Officers of the lower grades of the Medical Corps, Pay Corps, Construction Corps, and Corps of Civil Engineers shall be advanced in rank up to and including the rank of lieutenant commander with the officers of the line with whom or next after whom they take precedence under existing law: *Provided*, That all assistant surgeons shall from date of their original appointment take rank and precedence with lieutenants (junior grade): *Provided further*, That to determine the authorized number of officers in the various grades and ranks of the line and of the staff corps as herein provided, computations shall be made by the Secretary of the Navy semiannually, as of July first and January first of each year, and the resulting numbers in the various grades and ranks, as so computed, shall be held and considered for all purposes as the authorized number of officers in such various grades and ranks and shall not be varied between such dates.

The total number of commissioned officers of the active list of the following mentioned staff corps at any one time, exclusive of commissioned warrant officers, shall be distributed in the various grades of the respective corps as follows:

MEDICAL CORPS: One-half medical directors with the rank of rear admiral to four medical directors with the rank of captain, to eight medical inspectors with rank of commander, to eighty-seven and one-half in the grades below medical inspector: *Provided*, That hereafter appointees to the grade of assistant surgeon shall be between the ages of twenty-one and thirty-two at the time of appointment.

PAY CORPS: One-half pay directors with the rank of rear admiral to four pay directors with the rank of captain, to eight pay inspectors with the rank of commander, to eighty-seven and one-half in the grades below pay inspector.

CONSTRUCTION CORPS: One-half naval constructors with the rank of rear admiral to eight and one-half naval constructors with the rank of captain, to fourteen naval constructors with the rank of commander, to seventy-seven naval constructors and assistant naval constructors with rank below commander: *Provided*, That vacancies in the Construction Corps shall be filled in the manner now prescribed by law, at such annual rate as the Secretary of the Navy may prescribe: *Provided further*, That hereafter ensigns of not less than one year's service as such shall be eligible for transfer to the Construction Corps.

CORPS OF CIVIL ENGINEERS: One-half civil engineers with the rank of rear admiral to five and one-half civil engineers with the rank of captain, to fourteen civil engineers with the rank of commander, to

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eighty civil engineers and assistant civil engineers with the rank below commander.

Hereafter no further appointments shall be made to the Corps of Professors of Mathematics, and that corps shall cease to exist upon the death, resignation, or dismissal of the officers now carried in that corps on the active and retired lists of the Navy.

When there is an odd number of officers in the grade or rank of rear admiral in the line or in each corps, the lower division thereof shall include the excess in number, except where there is but one.

Whenever a final fraction occurs in computing the authorized number of any corps, grade or rank in the naval service, the nearest whole number shall be regarded as the authorized number: *Provided*, That at least one officer shall be allowed in each grade or rank.

For the purpose of determining the authorized number of officers in any grade or rank of the line or of the staff corps, there shall be excluded from consideration those officers carried by law as additional numbers, including staff officers heretofore permanently commissioned with the rank of rear admiral, and nothing contained herein shall be held to reduce below that heretofore authorized by law the number of officers in any grade or rank in the staff corps.

Hereafter pay and allowances of officers in the upper half of the grade or rank of rear admiral, including the staff corps and including staff officers heretofore permanently commissioned with the rank of rear admiral, shall be that now allowed by law for the first nine rear admirals, and the pay and allowances of officers in the lower half of the grade or rank of rear admiral, including the staff corps, shall be that now allowed by law for the second nine rear admirals: *Provided*, That officers shall take rank in each staff corps according to the dates of commission in the several grades, excepting in cases where they have gained or lost numbers.

Hereafter chief boatswains, chief gunners, chief machinists, chief carpenters, chief sail makers, chief pharmacists, and chief pay clerks, on the active list with creditable records, shall, after six years from date of commission, receive the pay and allowances that are now or may hereafter be allowed a lieutenant (junior grade), United States Navy: *Provided*, That chief boatswains, chief gunners, chief machinists, chief carpenters, chief sail makers, chief pharmacists, and chief pay clerks, on the active list with creditable records, shall, after twelve years from date of commission, receive the pay and allowances that are now or may hereafter be allowed a lieutenant, United States Navy.

Warrant officers shall receive the same allowances of heat and light as are now or may hereafter be allowed an ensign, United States Navy.

Warrant officers shall be allowed such leave of absence, with full pay, as is now or may hereafter be allowed other officers of the United States Navy.

Hereafter all promotions to the grades of commander, captain, and rear admiral of the line of the Navy, including the promotion of those captains, commanders, and lieutenant commanders who are, or may be, carried on the Navy list as additional to the numbers of such grades, shall be by selection only from the next lower respective grade upon the recommendation of a board of naval officers as herein provided.

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The board shall consist of nine rear admirals on the active list of the line of the Navy not restricted by law to the performance of shore duty only, and shall be appointed by the Secretary of the Navy and convened during the month of December of each year and as soon after the first day of the month as practicable.

Each member of said board shall swear, or affirm, that he will, without prejudice or partiality, and having in view solely the special fitness of officers and the efficiency of the naval service, perform the duties imposed upon him as herein provided.

The board shall be furnished by the Secretary of the Navy with the number of vacancies in the grades of rear admiral, captain, and commander to be filled during the following calendar year, including the vacancies existing at the time of the convening of the board and those that will occur by operation of law from the date of convening until the end of the next calendar year, and with the names of all officers who are eligible for consideration for selection as herein authorized, together with the record of each officer: *Provided*, That any officer eligible for consideration for selection shall have the right to forward through official channels at any time not later than ten days after the convening of said board a written communication inviting attention to any matter of record in the Navy Department concerning himself which he deems important in the consideration of his case: *Provided*, That such communication shall not contain any reflection upon the character, conduct, or motives of or criticism of any officer: *Provided further*, That no captains, commanders, or lieutenant commanders who shall have had less than four years' service in the grade in which he is serving on November the thirtieth of the year of the convening of the board shall be eligible for consideration by the board: *Provided further*, That the recommendation of the board in the case of officers of the former Engineer Corps who are restricted by law to the performance of shore duty only and in that of officers who may hereafter be assigned to engineering duty only shall be based upon their comparative fitness for the duties prescribed for them by law. Upon promotion they shall be carried as additional numbers in grade.

The board shall recommend for promotion a number of officers in each grade equal to the number of vacancies to be filled in the next higher grade during the following calendar year: *Provided*, That no officer shall be recommended for promotion unless he shall have received the recommendation of not less than six members of said board: *Provided further*, That the increase in the number of captains herein authorized shall be made at the rate of not more than ten captains in any one year.

The report of the board shall be in writing signed by all of the members and shall certify that the board has carefully considered the case of every officer eligible for consideration under the provisions of this law, and that in the opinion of at least six of the members, the officers therein recommended are the best fitted of all those under consideration to assume the duties of the next higher grade, except that the recommendation of the board in the case of officers of the former Engineer Corps who are restricted by law to the performance of shore duty only, and in that of officers who may hereafter be assigned to engineering duty only, shall be based upon their comparative fitness for the duties prescribed for them by law.

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The report of the board shall be submitted to the President for approval or disapproval. In case any officer of officers recommended by the board are not acceptable to the President, the board shall be informed of the name of such officer or officers, and shall recommend a number of officers equal to the number of those found not acceptable to the President and if necessary shall be reconvened for this purpose. When the report of the board shall have been approved by the President, the officers recommended therein shall be deemed eligible for selection, and if promoted shall take rank with one another in accordance with their seniority in the grade from which promoted: *Provided*, That any officers so selected shall prior to promotion be subject in all respects to the examinations prescribed by law for officers promoted by seniority, and in case of failure to pass the required professional examination such officer shall thereafter be ineligible for selection and promotion. And should any such officer fail to pass the required physical examination he shall not be considered, in the event of retirement, entitled to the rank of the next higher grade.

On and after June thirtieth, nineteen hundred and twenty, no captain, commander, or lieutenant commander shall be promoted unless he has had not less than two years' actual sea service on sea-going ships in the grade in which serving or who is more than fifty-six, fifty, or forty-five years of age, respectively: *Provided*, That the qualification of sea service shall not apply to officers restricted to the performance of engineering duty only: *Provided further*, That captains, commanders, and lieutenant commanders who become ineligible for promotion on account of age shall be retired on a percentage of pay equal to two and one-half per centum of their shore-duty pay for each year of service: *Provided further*, That the total retired pay shall not exceed seventy-five per centum of the shore-duty pay they were entitled to receive while on the active list.

Except as herein otherwise provided, hereafter the age for retirement of all officers of the Navy shall be sixty-four years instead of sixty-two years as now prescribed by law.

Nothing contained in this Act shall be construed to reduce the rank, pay, or allowances of any officer of the Navy or Marine Corps as now provided by law.

OFFICERS FOR ENGINEERING DUTY ONLY.

Officers of the line of the Navy not below the grade of lieutenant may, upon application, and with the approval of the Secretary of the Navy, be assigned to engineering duty only, and that when so assigned and until they reach the grade of commander, they shall perform duty as prescribed in section four of the Personnel Act approved March third, eighteen hundred and ninety-nine, and thereafter shore duty only as now prescribed for officers transferred to the line from the former engineer corps, except that commanders may be assigned to duty as fleet and squadron engineers: *Provided*, That when so assigned they shall retain their place with respect to other line officers in the grades they now or may hereafter occupy, and also the right to succession to command on shore in accordance with their seniority, and shall be promoted as vacancies occur subject to physical examination and to such examination in engineering as the Secretary of the Navy may prescribe: *Provided further*, That the number of officers

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so assigned in any one year shall be in accordance with the requirements of the service as determined by the Secretary of the Navy: *And provided further*, That the Secretary of the Navy is hereby authorized to appoint annually in the line of the Navy for a period of ten years following the passage of this Act, in the order of merit determined by such competitive examination as he may prescribe, thirty acting ensigns for the performance of engineering duties only. Persons so appointed must have received a degree of mechanical or electrical engineer from a college or university of high standing or be graduates of technical schools approved by the Secretary of the Navy, must have been found physically qualified by a board of medical officers of the Navy for the performance of the duties required, and must at the time of appointment be not less than twenty nor more than twenty-six years of age. Such appointments shall be for a probationary period of three years, and may be revoked at any time by the Secretary of the Navy.

Such acting ensigns shall, upon the completion of the probationary period of three years, of which two years shall have been spent on board cruising vessels and one year pursuing a course of instruction at the Naval Academy prescribed by the Secretary of the Navy, be commissioned in the grade of lieutenant of the junior grade after satisfactorily passing such examination as may be prescribed by the Secretary of the Navy, and having been recommended for promotion by the examining board and found physically qualified by a board of medical officers of the Navy.

Such officers shall thereafter be required to perform engineering duties only, and shall be eligible for advancement to the higher grades in the manner herein provided for line officers assigned to engineering duty only.

Hereafter no officer or enlisted man in the Navy or Marine Corps in active service who shall be absent from duty on account of sickness or disease resulting from his own intemperate use of drugs or alcoholic liquors, or other misconduct, shall receive pay for the period of such absence, the time so absent and the cause thereof to be ascertained under such procedure and regulations as may be prescribed by the Secretary of the Navy: *Provided*, That an enlistment shall not be regarded as complete until the enlisted man shall have made good any time in excess of one day lost on account of sickness or disease resulting from his own intemperate use of drugs or alcoholic liquors, or other misconduct.

The Secretary of the Navy is hereby authorized to grant furlough without pay to enlisted men for a period covering the unexpired portion of their enlistment: *Provided*, That such furlough be granted under the same conditions and in lieu of discharge by purchase or by special order of the department. Enlisted men so furloughed shall be subject to recall in time of war or national emergency to complete the unexpired portion of their enlistment, and shall be in addition to the authorized number of enlisted men of the Navy.

Hereafter the authorized number of surgeons in the United States Navy be, and it is hereby, increased by one; and that hereafter the Secretary of the Navy be, and he is hereby, authorized to detail one or more officers of the Medical Corps of the United States Navy for duty with the Military Relief Division of the American National Red Cross.

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The Secretary of the Navy is hereby authorized to cause to be paid to Mrs. Sophia Gompers, mother of the late William Gompers, seaman, United States Navy, $176.40, being the amount equal to six months' pay at the rate received by that seaman at the date of his death, less expenses of interment.

That the Secretary of the Navy is hereby authorized and directed to cause to be paid to Mrs. Eliza Orr, mother of the late William Orr, fireman, United States Navy, an amount equal to six months' pay at the rate received by him at the date of his death, less expenses of interment.

No officer who, after having commanded a fleet in active commission, has been retired for age and whom, in the judgment of the Secretary of the Navy, the public interests make it necessary to retain for a time after said retirement and who is performing active duty as chairman of the executive committee of the General Board, shall, for the period so retained, suffer any reduction in the emoluments he was receiving at the time of his retirement: *Provided*, That hereafter any retired officer of the naval service who shall be detailed on active duty shall, while so serving, receive the active duty pay and allowances of the grade, not above that of lieutenant commander in the Navy or of major in the Marine Corps, that he would have attained in due course of promotion if he had remained on the active list for a period beyond the date of his retirement equal to the total amount of time during which he has been detailed on active duty since his retirement: *Provided*, That nothing herein shall be construed to reduce the pay of any retired officer on active duty whose retired pay exceeds the active duty pay and allowances for the grade of lieutenant commander.

Hereafter all commissioned officers of the active list of the Navy shall receive the same pay and allowances according to rank and length of service: *Provided*, That this provision shall not be construed to reduce the pay and allowances of commissioned warrant officers as herein authorized.

That the accounting officers of the United States Treasury are hereby authorized and directed to allow in the accounts of disbursing officers of the Navy all payments for telephones in Government quarters which have been disallowed under section seven of the Act of August twenty-third, nineteen hundred and twelve (Thirty-seventh Statutes, pages one and four hundred and fourteen), by decision of the Comptroller.

That the accounting officers of the United States Treasury are hereby authorized to credit to the account of Paymaster George R. Crapo, United States Navy, the sum of $360, which amount was paid by the said Paymaster Crapo for a passenger-carrying vehicle for official use at the Naval Station, Key West, Florida, on September twenty-second nineteen hundred and fourteen, under a mistake of law.

The Secretary of the Treasury is hereby authorized and directed to credit in the accounts of Passed Assistant Paymaster James C. Hilton, United States Navy, the sum of $6,033.61, being the amount stolen from United States funds by a person or persons unknown and charged against the accounts of the said James C. Hilton, passed assistant paymaster, on the books of the Treasury Department.

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The accounting officers of the Treasury are hereby authorized and directed to allow in the accounts of Paymaster T. D. Harris, United States Navy, credit for the full payment of the contract price made by him to James Morrow under contract of May twenty-ninth, nineteen hundred and nine, and to Carson, Pirie, Scott and Company, James Corse, N. H. Dow Manufacturing Company, The Snead and Company Iron Works, and Original Cabinet Company under contracts of March, nineteen hundred and eleven, pertaining to the naval training station, Great Lakes, Illinois.

That the President of the United States is hereby authorized to cause Ensign Harold Harrison Little, United States Navy, to be examined for promotion to the grade of lieutenant (junior grade), United States Navy, and subject to his successfully passing such reexamination to promote him to the grade of lieutenant (junior grade), to take place on the Navy list in such grade next after Lieutenant (Junior Grade) William G. Greenman, United States Navy, who was the officer immediately above the said Harold Harrison Little in the list of lieutenants (junior grade) at the date said Harold Harrison Little became due for promotion to the grade of lieutenant (junior grade), United States Navy: *Provided*, That no back pay, allowances, or emoluments shall accrue by reason of the passage of this Act.

Hereafter Assistant Paymaster John D. P. Hodapp, United States Navy, shall be regarded as having been appointed as an assistant paymaster in the United States Navy on the same date as the officer now next above him in grade: *Provided*, That nothing herein shall be construed to entitle the said Assistant Paymaster John D. P. Hodapp, United States Navy, to any back pay, allowances, or other emoluments.

Section six of an Act entitled "An Act making appropriations for the legislative, executive, and judicial expenses of the Government for the fiscal year ending June thirtieth, nineteen hundred and seventeen, namely:" approved May tenth, nineteen hundred and sixteen, is hereby amended so as to read as follows:

"SEC. 6. That unless otherwise specially authorized by law, no money appropriated by this or any other Act shall be available for payment to any person receiving more than one salary when the combined amount of said salaries exceeds the sum of $2,000 per annum, but this shall not apply to retired officers or enlisted men of the Army, Navy, Marine Corps, or Coast Guard, or to officers and enlisted men of the Organized Militia and Naval Militia in the several States, Territories, and the District of Columbia: *Provided*, That no such retired officer, officer, or enlisted man shall be denied or deprived of any of his pay, salary, or compensation as such, or of any other salary or compensation for services heretofore rendered, by reason of any decision or construction of said section six."

NAVAL FLYING CORPS.

The Naval Flying Corps shall be composed of one hundred and fifty officers and three hundred and fifty enlisted men, detailed, appointed, commissioned, enlisted, and distributed in the various grades, ranks, and ratings of the Navy and Marine Corps as hereafter provided. The said number of officers, student flyers, and enlisted

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men shall be in addition to the total number of officers and enlisted men which is now or may hereafter be provided by law for the other branches of the naval service.

The number of officers detailed to duty in aircraft involving actual flying in any one year shall be in accordance with the requirements of the Air Service as determined by the Secretary of the Navy: *Provided*, That the officers so detailed from the line of the Navy and from the Marine Corps shall not exceed the total number herein prescribed for the Naval Flying Corps: *Provided further*, That the proportion of line officers of the Navy and of the Marine Corps thus detailed shall be the same as the proportion established for the regular services: *And provided further*, That the student flyers hereinafter provided for shall be in addition to the officers and enlisted men comprising the Naval Flying Corps.

The officers detailed and the enlisted men of the Naval Flying Corps shall receive the same pay and allowances that are now provided by law for officers and enlisted men of the same grade or rank and rating in the Navy and Marine Corps detailed to duty with aircraft involving actual flying.

The Secretary of the Navy is hereby authorized to appoint annually in the line of the Navy and the Marine Corps for a period of two years following the passage of this Act, in order of merit as determined by such competitive examinations as he may prescribe, fifteen acting ensigns or acting second lieutenants for the performance of aeronautic duties only. Persons so appointed must be citizens of the United States, and may be appointed from warrant officers or enlisted men of the naval service or from civil life, and must, at the time of appointment, be not less than eighteen or more than twenty-four years of age: *Provided*, That no person shall be so appointed until he has been found physically qualified by a board of medical officers of the Navy for the performance of the duties required: *Provided further*, That the number of such appointments to the line of the Navy and of the Marine Corps shall be in the proportion decided for the regular services. Such appointments shall be for a probationary period of three years and may be revoked at any time by the Secretary of the Navy.

Such acting ensigns and acting second lieutenants shall be detailed to duty in the Naval Flying Corps in aircraft involving actual flying.

Such acting ensigns of the Navy and acting second lieutenants of the Marine Corps shall, upon completion of the probationary period of three years, be appointed acting lieutenants of the junior grade, or acting first lieutenants, respectively, by the Secretary of the Navy for the performance of aeronautic duties only, after satisfactorily passing such examinations as he may prescribe, and after having been recommended for promotion by the examining board and found physically qualified by a board of medical officers of the Navy. Such appointments shall be for a probationary period of four years and may be revoked at any time by the Secretary of the Navy.

Such acting lieutenants (junior grade) and acting first lieutenants may elect to qualify for aeronautic duty only or to qualify for all the duties of officers of the same grade in the Navy and in the Marine Corps, respectively. Those officers who elect to qualify for aeronautic duty only shall be detailed to duty in the Naval Flying Corps involving actual flying in aircraft. Those officers who elect to qualify for the

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regular duties of their grade shall be detailed to duty in the regular service for at least two years to allow them to prepare for such qualification.

Such acting lieutenants (junior grade) and acting first lieutenants who have elected to qualify for aeronautic duty only shall, upon completion of the probationary period of four years, be commissioned in the grade of lieutenant of the line of the Navy or captain of the Marine Corps for aeronautic duties only, after satisfactorily passing such competitive examination as may be precribed by the Secretary of the Navy to determine their moral, physical, and professional qualifications for such commissions and the order of rank in which they shall be commissioned. Such lieutenants for aeronautic duty only shall be borne on the list as extra numbers, taking rank with and next after officers of the same date of commission.

Such acting lieutenants (junior grade) and acting first lieutenants who have elected to qualify for the regular duties of the line of the Navy and of the Marine Corps, respectively, shall, upon completion of the probationary period of four years, two years of which shall have been on such regular duties, be commissioned in the grade of the line of the Navy or Marine Corps according to his length of service, after passing satisfactorily such competitive examinations as may be prescribed by the Secretary of the Navy to determine their moral, physical, and professional qualifications for such commissions and to determine the order of rank in which they shall be commissioned. Such officers of the line of the Navy and Marine Corps will be borne upon the lists of their respective corps as extra numbers, taking rank with and next after officers of the regular services of the same date of commissions.

Acting lieutenants (junior grade) of the line of the Navy for aeronautic duties only and acting first lieutenants of the Marine Corps for aeronautic duty only who have completed the probationary period of four years may, upon examination for commissions to the next higher grade, if recommended by the board of examination, be transferred to the Naval Reserve Flying Corps and commissioned in the same grade or the next higher grade as may be recommended in accordance with their qualifications as determined by the examination: *Provided*, That at any time during such probationary period any such officer can, upon his own request, if his record warrants it, be transferred to the Naval Reserve Flying Corps and commissioned in the acting grade he then holds. Any officer of the Naval Flying Corps holding an appointment of student flyer or acting ensign, second lieutenant, lieutenant (junior grade), or first lieutenant, who, upon examination for promotion, is found not qualified shall, if not recommended by the examining board for transfer to the Naval Reserve Flying Corps, be honorably discharged from the naval service.

Officers commissioned for aeronautic duty only shall be eligible for advancement to the higher grades, not above captain in the Navy or colonel in the Marine Corps, in the same manner as other officers whose employment is not so restricted, except that they shall be eligible to promotion without restriction as to sea duty, and their professional examinations shall be restricted to the duty to which personally assigned: *Provided*, That any such officer must serve at least three years in any grade before being eligible to promotion to the next higher grade.

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Nothing in this Act shall be so construed as to prevent the detail of officers and enlisted men of other branches of the Navy as student aviators or student airmen in such numbers as the needs of the service may require.

Such officers and enlisted men, while detailed as student aviators and student airmen involving actually flying in aircraft, shall receive the same pay and allowances that are now provided by law for officers and enlisted men of the same grade or rank and rating in the Navy detailed for duty with aircraft.

The Secretary of the Navy is hereby authorized to appoint annually for a period of four years, from enlisted men of the naval service, or from citizens of the United States in civil life, not to exceed thirty student flyers for instruction and training in aeronautics who shall receive the same pay and allowances as midshipmen at the United States Naval Academy: *Provided*, That persons so appointed must, at the time of appointment, be not less than seventeen or more than twenty-one years of age: *Provided further*, That no person shall be appointed a student flyer until he shall have qualified therefor by such examination as may be prescribed by the Secretary of the Navy.

The appointment of student flyers shall continue in force for two years, unless sooner revoked by the Secretary of the Navy, in his discretion, and at the end of such period student flyers shall be examined for qualification as qualified aviators: *Provided*, That if such student flyers are not qualified, their appointment will be revoked, or, if recommended by the examining board, they shall be transferred to the Naval Reserve Flying Corps and commissioned as ensigns therein.

Student flyers shall, after receiving a certificate of qualification as an aviator for actual flying in aircraft, rank with midshipmen and shall receive the same pay and allowances as midshipmen, plus fifty per centum thereof: *Provided*, That student flyers who have qualified as aviators under the provisions of this Act shall be commissioned acting ensigns for aeronautic duties only, after three years' service: *Provided further*, That they shall have been examined by a board of officers of the Naval Flying Corps to determine by a competitive examination prescribed by the Secretary of the Navy their moral, physical, and professional fitness and the order of rank in which they shall be commissioned: *And provided further*, That any student flyer qualified as an aviator may at any time, in the discretion of the Secretary of the Navy, if his record warrants it, at his own request, be transferred to the Naval Reserve Flying Corps and be commissioned as ensign therein: *And provided further*, That student flyers not considered qualified for commissions as acting ensigns for aeronautic duties only may, upon recommendation of the examining board, be transferred to the Naval Reserve Flying Corps and be commissioned as ensigns therein.

The Secretary of the Navy is hereby authorized to establish aeronautic schools for the instruction and training of student flyers and prescribe the course of instruction and qualifications for certificate of graduation as a qualified aviator.

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Nothing in this or any other Act shall be so construed as to prevent the temporary detail of officers and enlisted men of any branch of the Navy for duty with aircraft.

In the event of the death of an officer or enlisted man or student flyer of the Naval Flying Corps from wounds or disease, the result of an aviation accident, not the result of his own misconduct, received while engaged in actual flying in or in handling aircraft, the gratuity to be paid under the provisions of the Act approved August twenty-second, nineteen hundred and twelve, entitled "An Act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and thirteen, and for other purposes," shall be an amount equal to one year's pay at the rate received by such officer or enlisted man or student flyer at the time of the accident resulting in his death. In all cases where an officer or enlisted man or student flyer of the Navy or Marine Corps dies, or where a student flyer or an enlisted man of the Navy or Marine Corps is disabled by reason of any injury received or disease contracted in line of duty, the result of an aviation accident, received while employed in actual flying in or in handling aircraft, the amount of pension allowed shall be double that authorized to be paid should death or the disability have occurred by reason of an injury received or disease contracted in line of duty not the result of an aviation accident.

Student flyers and the acting ensigns and acting lieutenants (junior grade) and acting second and first lieutenants for aeronautic duties only provided for herein shall be subject to the laws and regutions and orders for the government of the Navy, but shall not be entitled to retirement or retired pay.

The enlisted personnel of the Naval Flying Corps shall be distributed by the Secretary of the Navy in the various ratings as now obtain in the Navy in so far as such ratings are applicable to duties connected with aircraft.

Within the first two years after the approval of this Act enlisted men may be transferred from other branches of the Naval Service to the Naval Flying Corps, under regulations established by the Secretary of the Navy governing such transfer and the qualifications for this corps: *Provided*, That the number so transferred shall not exceed one-half the total number of enlisted men allowed by this Act.

The Secretary of the Navy shall establish regulations governing the term of enlistment, the qualifications, and advancement of the enlisted men of the Flying Corps.

Any enlisted man who passes satisfactorily the prescribed examination and is recommended by a board of officers may be appointed a student flyer as herein provided.

ADMINISTRATION OF JUSTICE.

Hereafter all officers of the Navy and Marine Corps who are authorized to order either general or summary courts-martial may order deck courts upon enlisted men under their command, and shall have the same authority to inflict minor punishments as is conferred by law upon the commander of a naval vessel.

Summary courts-martial may be ordered upon enlisted men in the naval service under his command by the commanding officer of any

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brigade, regiment, or separate or detached battalion, or other separate or detached command, and, when empowered by the Secretary of the Navy, by the commanding officer or officer in charge of any command not specifically mentioned in the foregoing: *Provided*, That when so empowered by the Secretary of the Navy to order summary courts-martial, the commanding officer of a naval hospital or hospital ship shall be empowered to order such courts and deck courts, and inflict the punishments which the commander of a naval vessel is authorized by law to inflict, upon all enlisted men of the naval service attached thereto, whether for duty or as patients.

No sentence of a summary court-martial shall be carried into execution until the proceedings and sentence have been approved by the officer ordering the court, or his successor in office, and by his immediate superior in command: *Provided*, That if the officer ordering the court, or his successor in office, be the senior officer present, such sentence may be carried into execution upon his approval thereof.

When empowered by the Secretary of the Navy, general courts-martial may be convened by the commanding officer of a squadron, of a division, of a flotilla, or of a larger naval force afloat, and of a brigade or larger force of the naval service on shore beyond the continental limits of the United States: *Provided*, That in time of war, if then so empowered by the Secretary of the Navy, general courts-martial may be convened by the commandant of any navy yard or naval station, and by the commanding officer of a brigade or larger force of the Navy or Marine Corps on shore not attached to a navy yard or naval station.

Courts of inquiry may be convened by any officer of the naval service authorized by law to convene general courts-martial.

When a force of marines is embarked on a naval vessel, or vessels, as a separate organization, not a part of the authorized complement thereof, the authority and powers of the officers of such separate organization of marines shall be the same as though such organization were serving at a navy yard on shore, but nothing herein shall be construed as impairing the paramount authority of the commanding officer of any naval vessel over the vessel under his command and all persons embarked thereon.

NAVAL RESERVE FORCE.

There is hereby established, under the Department of the Navy, a Naval Reserve Force, to consist of six classes, designated as follows and as hereinafter described:

First. The Fleet Naval Reserve.
Second. The Naval Reserve.
Third. The Naval Auxiliary Reserve.
Fourth. The Naval Coast Defense Reserve.
Fifth. The Volunteer Naval Reserve.
Sixth. Naval Reserve Flying Corps.

The Naval Reserve Force shall be composed of citizens of the United States who, by enrolling under regulations prescribed by the Secretary of the Navy or by transfer thereto as in this Act provided, obligate themselves to serve in the Navy in time of war or during the existence of a national emergency, declared by the President:

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Provided, That citizens of the insular possessions of the United States may enroll in the Naval Auxiliary Reserve.

The Secretary of the Navy shall make all necessary and proper regulations not inconsistent with law for the administration of the provisions of this Act which relate to the Naval Reserve Force.

Members of the Naval Reserve Force may be ordered into active service in the Navy by the President in time of war or when, in his opinion, a national emergency exists.

There shall be allowed in the Naval Reserve Force the various ratings, grades, and ranks, not above the rank of lieutenant commander, corresponding to those in the Navy. Officers of the line may be appointed for deck or engineering duties, as they may elect.

Members of the Naval Reserve Force appointed to commissioned grades shall be commissioned by the President alone, and members of such force appointed to warrant grades shall be warranted by the Secretary of the Navy: *Provided*, That officers so warranted or commissioned shall not be deprived of the retainer pay, allowances, or gratuities to which they would otherwise be entitled. Officers of the Naval Reserve Force shall rank with but after officers of corresponding rank in the Navy.

Enrollment and reenrollment shall be for terms of four years, but members shall in time of peace, when no national emergency exists, be discharged upon their own request upon reimbursing the Government for any clothing gratuity that may have been furnished them during their current enrollment.

Persons enrolling shall be required to take the oath of allegiance to the United States.

When first enrolled members of the Naval Reserve Force, except those in the Fleet Naval Reserve, shall be given a provisional grade, rank or rating in accordance with their qualifications determined by examination. They may thereafter, upon application, be assigned to active service in the Navy for such periods of instruction and training as may enable them to qualify for and be confirmed in such grade, rank or rating.

No member shall be confirmed in his provisional grade, rank or rating until he shall have performed the minimum amount of active service required for the class in which he is enrolled, nor until he has duly qualified by examination for such rank or rating under regulations prescribed by the Secretary of the Navy.

No person shall be appointed or commissioned as an officer in any rank in any class of the Naval Reserve Force, or promoted to a higher rank therein, unless he shall have been examined and recommended for such appointment, commission, or promotion by a board of three naval officers not below the rank of lieutenant commander, nor until he shall have been found physically qualified by a board of medical officers to perform the duties required in time of war, except that former officers and midshipmen of the Navy, who shall have left the service under honorable conditions and who shall have enrolled in the Naval Reserve Force may be appointed in the grade and rank last held by them without examination other than the physical examination above prescribed.

The retainer pay of all members of the Naval Reserve Force, except the Volunteer Naval Reserve, while enrolled in a provisional rank

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or rating, and until such time as they shall have been confirmed in such rank or rating, shall be $12 per annum. Thereafter, the retainer pay shall be that prescribed for members in the various classes.

Retainer pay shall be in addition to any pay to which a member may be entitled by reason of active service.

Retainer pay shall only be paid to members of the Naval Reserve Force upon their making such reports concerning their movements and occupations as may be required by the Secretary of the Navy.

Members of the Naval Reserve Force who reenroll for a term of four years within four months from the date of the termination of their last term of enrollment, and who shall have performed the minimum amount of active service required during the preceding term of enrollment, shall, for each such reenrollment, receive an increase of twenty-five per centum of their base retainer pay: *Provided*, That enrolled members who shall have completed twenty years of service in the Naval Reserve Force, and who shall have performed the minimum amount of active service required in their class for maintaining efficiency during each term of enrollment, shall, upon their own application, be retired with the rank or rating held by them at the time, and shall receive in lieu of any pay, a cash gratuity equal to the total amount of their retainer pay during the last term of their enrollment.

Retainer pay shall be paid annually or at shorter intervals, as the Secretary of the Navy, in his discretion, may direct.

No existing law shall be construed to prevent any member of the Naval Reserve Force from accepting employment in any branch of the public service, except as an officer or enlisted man in any branch of the military service of the United States or any State thereof, nor from receiving the pay and allowances incident to such employment in addition to his retainer pay.

Enrolled members of the Naval Reserve Force shall be subject to the laws, regulations, and orders for the government of the Regular Navy only during such time as they may by law be required to serve in the Navy, in accordance with their obligations, and when on active service at their own request as herein provided, and when employed in authorized travel to and from such active service in the Navy. Members of the Naval Reserve Force shall be issued a distinctive badge or button which may be worn with civilian dress, and whoever, not being a member of the Naval Reserve Force of the United States and not entitled under the law to wear the same, willfully wears or uses the badge or button or who uses or wears the same to obtain aid or assistance thereby, shall be punished by a fine of not more than $20 or by imprisonment for not more than thirty days or by both such fine and imprisonment.

All members of the Naval Reserve Force shall, when actively employed as set forth in this Act, be entitled to the same pay, allowances, gratuities, and other emoluments as officers and enlisted men of the naval service on active duty of corresponding rank or rating and of the same length of service. When not actively employed in the Navy, members of the Naval Reserve Force shall not be entitled to any pay, bounty, gratuity, or pension except as expressly provided for members of the Naval Reserve Force by the provisions of this Act.

Enrolled members of the Naval Reserve Force may, in time of war or national emergency, be required to perform active service in the

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Navy throughout the war or until the national emergency ceases to exist.

Members of the Naval Reserve Force shall, upon first reporting for active service for training during each period of enrollment, be credited with a uniform gratuity of $50 for officers and of $30 for men.

Upon reporting for active service in time of war or national emergency the uniform gratuity shall be $150 for officers and $60 for men, or the difference between these amounts and any amounts that may have been credited as a uniform gratuity during the current enrollment: *Provided*, That should any member of the Naval Reserve Force sever his connection with the service without compulsion on part of the Government before the expiration of his term of enrollment, the amount so credited shall be deducted from any money that may be or may become due him.

Hereafter, in shipping officers and men for service on board United States auxiliary vessels, preference shall be given to members of the Naval Reserve Force, and, after two years from the date of approval of this Act, no person shall be shipped for such service who is not a member of the Naval Reserve Force herein provided.

Members of the Naval Reserve Force may, upon application, be transferred from one class to another class for which qualified under the provisions of this Act; and may in time of war volunteer for and be assigned to duties prescribed for any class which they may be deemed competent to perform.

The Secretary of the Navy shall prescribe a suitable flag, or pennant, that may be flown as an insignia on private vessels or vessels of the merchant service commanded by officers of the Naval Reserve Force: *Provided*, That it shall not be flown in lieu of the National ensign.

The Secretary of the Navy is hereby authorized to establish schools or camps of instruction at such times and in such localities as he may deem advisable for the purpose of instructing members and applicants for membership in the Naval Reserve Force. No applicant shall be accepted for instruction unless he agrees to abide by the regulations of the school and pursue the course prescribed by the Secretary of the Navy. Persons who satisfactorily complete the course will be given certificates of qualification for the rank or rating for which duly qualified, and may be permitted to enroll in the proper class of the reserve in such rank or rating. For the purpose of carrying into effect this paragraph of the Act there is hereby appropriated, out of any money in the Treasury not otherwise appropriated, $30,000, which is hereby made available to be expended as the Secretary of the Navy may direct in the necessary equipment and maintenance of such schools and camps.

FLEET NAVAL RESERVE.

All former officers of the United States naval service, including midshipmen, who have left that service under honorable conditions, and those citizens of the United States who have been, or may be entitled to be, honorably discharged from the naval service after not less than one four-year term of enlistment or after a term of enlistment during minority, and who shall have enrolled in the Naval

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Reserve Force shall be eligible for membership in the Fleet Naval Reserve.

In addition to the enrollments in the Fleet Naval Reserve above provided, the Secretary of the Navy is authorized to transfer to the Fleet Naval Reserve at any time within his discretion any enlisted man of the naval service with twenty or more years' naval service, and any enlisted man, at the expiration of a term of enlistment who may be then entitled to an honorable discharge, after sixteen years' naval service: *Provided*, That such transfers shall only be made upon voluntary application and in the rating in which then serving, and the men so transferred shall be continued in the Fleet Naval Reserve until discharged by competent authority.

The Secretary of the Navy is authorized to assign any member of the Fleet Naval Reserve to active duty for training on board ship, upon the application of such member, but any member who has failed to perform three months' active service with the Navy in any term of enrollment shall, on the next reenrollment, receive retainer pay at the rate of $12 per annum until such time as he shall have completed three months' active service. The three months' active service with the Navy may be taken in one or more periods, at the election of the member: *Provided*, That no member shall be entitled to travel allowance unless the period of such active service is for not less than one month, or unless specifically provided for by such regulations as may be prescribed by the Secretary of the Navy.

Men enrolled in the Fleet Naval Reserve with less than eight years' naval service shall be paid at the rate of $50 per annum; those with eight or more years and less than twelve years' naval service shall be paid at the rate of $72 per annum; and those with twelve or more years' naval service shall be paid at the rate of $100 per annum, such pay to be considered as retainer pay for the obligation on the part of such members to serve in the Navy in time of war or national emergency: *Provided*, That for all purposes of this Act a complete enlistment during minority and any enlistment terminated within three months prior to the expiration of the term of enlistment by special order of the Secretary of the Navy shall be considered as four years' service. The annual retainer pay of officers of the Fleet Naval Reserve shall be two months' base pay of the corresponding rank in the Navy.

Reenrollments in the Fleet Naval Reserve shall be for four years. Officers and men enrolling in the Fleet Naval Reserve within four months of the date of the termination of their last naval service or reenrolling within four months of the date of the termination of their last term of enrollment shall receive an increase of twenty-five per centum of their retainer pay for each such enrollment: *Provided*, That men who have enrolled in the Fleet Naval Reserve within four months of the date of their discharge from the regular naval service shall, upon reenlistment in the regular naval service within four months of the date of discharge from the Fleet Naval Reserve, be entitled to the same gratuity and additional pay as if they had reenlisted in the regular naval service within four months of discharge therefrom.

Members of the Fleet Naval Reserve who have, when transferred to the Fleet Naval Reserve, completed naval service of sixteen or twenty or more years shall be paid a retainer at the rate of one-third

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and one-half, respectively, of the base pay they were receiving at the close of their last naval service plus all permanent additions thereto: *Provided*, That the pay authorized in this paragraph as a retainer shall be increased ten per centum for all men who may be credited with extraordinary heroism in the line of duty or whose average marks in conduct for twenty years or more shall not be less than ninety-five per centum of the maximum.

Any pay which may be due any member of the Fleet Naval Reserve shall be forfeited when so ordered by the Secretary of the Navy upon the failure, under such conditions as may be prescribed by the Secretary of the Navy, of such man to report for inspection.

Members of the Fleet Naval Reserve who have established their qualifications by examination to the satisfaction of the Secretary of the Navy may be given warrants or commissions in the Fleet Naval Reserve in the grades of boatswain, gunner, carpenter, machinist, pharmacist, pay clerk, ensign for deck or engineering duties, or in the lowest grades of the staff corps: *Provided further*, That those so warranted or commissioned shall not be deprived of the retainer pay, allowances, or gratuities to which they would be otherwise entitled.

Men transferred to the Fleet Naval Reserve shall be governed by the laws and regulations for the government of the Navy and shall not be discharged from the Naval Reserve Force without their consent, except by sentence of a court-martial. They may, upon their own request, upon completing thirty years' service, including naval and fleet naval reserve service, be placed on the retired list of the Navy with the pay they were then receiving plus the allowances to which enlisted men of the same rating are entitled on retirement after thirty years' naval service. They shall be required to keep on hand such part of the uniform-clothing outfit as may be prescribed by the Secretary of the Navy.

The Secretary of the Navy is authorized in time of war or when a national emergency exists to call any enlisted man on the retired list into active service for such duty as he may be able to perform. While so employed such enlisted men shall receive the same pay and allowances they were receiving when placed on the retired list.

NAVAL RESERVE.

Members of the Naval Reserve Force who have been or may be engaged in the seagoing profession, and who have enrolled for general service, shall be eligible for membership in the Naval Reserve. No person shall be first enrolled in this class who is less than eighteen or more than thirty-five years of age, nor unless he furnishes satisfactory evidence as to his ability and character; nor shall any person be appointed an officer in this class unless he shall have had not less than two years' experience as an officer on board of lake or ocean going vessels.

The minimum active service required of members to qualify for confirmation in their rank or rating in this class shall be three months.

The minimum active service required for maintaining the efficiency of a member of this class is three months during each term of enrollment. This active service may be in one period or in periods of not less than three weeks each year.

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The annual retainer pay of members in this class after confirmation in rank or rating shall be two months' base pay of the corresponding rank or rating in the Navy.

NAVAL AUXILIARY RESERVE.

Members of the Naval Reserve Force of the seagoing profession who shall have been or may be employed on American vessels of the merchant marine of suitable type for use as naval auxiliaries and which shall have been listed as such by the Navy Department for use in war, shall be eligible for membership in the Naval Auxiliary Reserve.

In time of war or during the existence of a national emergency, persons in this class shall be required to serve only in vessels of the merchant ship type, except in cases of emergency, to be determined by the senior officer present, when said officer may, in his discretion, detail them for temporary duty elsewhere as the exigencies of the service may require.

The requirement as to qualifications of officers and men for confirmation in rank or rating, and as to the maintenance of efficiency in rank or rating, shall be prescribed by the Secretary of the Navy and shall be limited to the requirements for the proper organization, discipline, maneuvering, navigation, and operation of vessels of the merchant ship type while performing auxiliary service to the fleet in time of war, and length of time of employment on board such vessels in the merchant service.

Officers in the Naval Auxiliary Reserve shall exercise military command only on board the ships to which they are attached and in the naval auxiliary service.

The annual retainer pay of members in this class after confirmation in rank or rating shall be for officers, one month's base pay of the corresponding rank in the Navy, and for men, two months' base pay of the corresponding rating in the Navy.

NAVAL COAST DEFENSE RESERVE.

Members of the Naval Reserve Force who may be capable of performing special useful service in the Navy or in connection with the Navy in defense of the coast, shall be eligible for membership in the Naval Coast Defense Reserve.

Persons may enroll in this class for service in connection with the naval defense of the coast, such as service with coast-defense vessels, torpedo craft, mining vessels, patrol vessels or as radio operators, in various ranks or ratings corresponding to those of the Navy for which they shall have qualified under regulations prescribed by the Secretary of the Navy: *Provided*, That the Secretary of the Navy may permit the enrollment in this class of owners and operators of yachts and motor power boats suitable for naval purposes in the naval defense of the coast; and is hereby authorized to enter into contract with the owners of such power boats and other craft suitable for war purposes to take over the same in time of war or national emergency upon payment of a reasonable indemnity.

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The amount of active service required for confirmation in rank and rating and for maintaining efficiency in rank and rating shall be the same as that required for members of the Naval Reserve.

The annual retainer pay of members of this class shall be the same as that of members of the Naval Reserve.

VOLUNTEER NAVAL RESERVE.

The Volunteer Naval Reserve shall be composed of those members of the Naval Reserve Force who are eligible for membership in any one of the other classes of the Naval Reserve Force, and who obligate themselves to serve in the Navy in any one of said classes without retainer pay and uniform gratuity in time of peace.

NAVAL RESERVE FLYING CORPS.

The Naval Reserve Flying Corps shall be composed of officers and student flyers who have been transferred from the Naval Flying Corps to the Naval Reserve Flying Corps and of enlisted men who shall have been so transferred under the same conditions as those provided by law for enlisted men of the Navy transferred to the Fleet Naval Reserve: *Provided*, That surplus graduates of the aeronautic school may be commissioned as ensigns in the Naval Reserve Flying Corps and promoted therein under such regulations as may be prescribed by the President. Members of the Naval Reserve Force skilled in the flying of aircraft or in their design, building, or operation, shall be eligible for membership in the Naval Reserve Flying Corps. The amount of active service required for confirmation in grade, rank, or rating, and for maintaining efficiency therein, shall be the same as that required for members of the Naval Reserve. The retainer pay of members of the Naval Reserve Flying Corps shall be the same as that of members of the Naval Reserve.

MARINE CORPS RESERVE.

A United States Marine Corps Reserve, to be a constituent part of the Marine Corps and in addition to the authorized strength thereof, is hereby established under the same provisions in all respects (except as may be necessary to adapt the said provisions to the Marine Corps) as those providing for the Naval Reserve Force in this Act: *Provided*, That the Marine Corps Reserve may consist of not more than five classes, corresponding, as near as may be, to the Fleet Naval Reserve, the Naval Reserve, the Naval Coast Defense Reserve, the Volunteer Naval Reserve, and the Naval Reserve Flying Corps, respectively.

All Acts or parts of Acts relating to the Naval Reserve which are inconsistent with the provisions of this Act relating to the Naval Reserve Force are hereby repealed.

NAVAL RESERVE FORCE: For the authorized expenses of organizing the Naval Reserve Force, $130,000, and the unexpended balance of the appropriation for carrying into effect the provisions of the Act of March third, nineteen hundred and fifteen, relating to a Naval Reserve, be, and it is hereby, made immediately available to carry into effect the foregoing provisions relating to a Naval Reserve Force. The retainer pay and active service pay of members of the Naval Reserve

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Force shall be paid from the appropriation "Pay—the Navy," and the retainer pay and active service pay of the Marine Corps Reserve shall be paid from the appropriation "Pay, Marine Corps."

NAVAL MILITIA AND NATIONAL NAVAL VOLUNTEERS.

Each commissioned and warrant officer on the active list of the Naval Militia shall receive compensation for his services, referred to hereinafter as retainer pay, except during periods of service for which he may become lawfully entitled to the same pay as an officer of corresponding grade of the United States Navy or Marine Corps, at the following rates per annum, namely:

To officers of or above the naval rank or equivalent rank of lieutenant, $500;

To officers of the naval rank or equivalent rank of lieutenant (junior grade), $240;

To officers of the naval rank or equivalent rank of ensign, $200;

To warrant officers, $120:

Provided, That no commissioned or warrant officer of the Naval Militia shall be entitled to any retainer pay for any period during which he has not attended the minimum number of drills prescribed in section fifteen of an Act entitled "An Act to promote the efficiency of the Naval Militia, and for other purposes," approved February sixteenth, nineteen hundred and fourteen, or equivalent official duty duly authorized in lieu thereof in accordance with such regulations as may be issued by the Secretary of the Navy.

That each enlisted man on the active list of the Naval Militia shall receive compensation for his services, referred to hereinafter as retainer pay, except during periods of service for which he may become lawfully entitled to the same pay as an enlisted man of corresponding rate or rank of the United States Navy or Marine Corps, at a rate equal to twenty-five per centum of the base pay now, or as may be hereafter, provided by law for an enlisted man of corresponding rate or rank in the United States Navy or Marine Corps, but not to exceed $120 per annum: *Provided*, That such enlisted man shall receive the full retainer pay represented by said twenty-five per centum of said base pay only if he shall have attended, during any one year, the maximum number of assemblies for drill, instruction, and target practice, but for the purpose of computing pay not to exceed forty-eight (or equivalent official duty), which he shall have been duly required to attend, and a proportionate amount for attendance at a lesser number of the same, being in no case less than fifty per centum of said maximum, nor less than the minimum total number of assemblies for drill, instruction, and target practice provided for by section fifteen of an Act entitled "An Act to promote the efficiency of the Naval Militia, and for other purposes," approved February sixteenth, nineteen hundred and fourteen, or duly authorized equivalent official duty.

That no member of the Naval Militia shall be entitled to the retainer pay herein provided for until he has been found qualified, both physically and professionally, in accordance with the standard prescribed by the Secretary of the Navy, and until he has enrolled in the National Naval Volunteers hereinafter provided for.

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That the compensation provided for herein shall be computed for quarterly periods under such regulations as the Secretary of the Navy may prescribe, beginning the first days of January, April, July, and October, respectively, of each year, in proportion to the number of said assemblies attended, and no compensation shall be paid to any enlisted man during the first semiannual period of any year unless he shall have attended during said period at least fifty per centum of said minimum of assemblies; but attendance at any lesser number of said assemblies during said period shall be reckoned with the said assemblies attended during the second, third, and fourth quarterly periods in computing the compensation, if any, due him for that year: *Provided*, That when any enlisted man enters into an enlistment he shall be entitled to proportional compensation for that year if during the remainder of the year he shall attend a number of said assemblies whose ratio to said minimum is not less than the ratio of the part of the year so served to the whole year; and when the enlistment of any man shall expire the compensation, if any, to which he may be entitled shall be determined in like manner: *And provided further*, That periods of any actual military duty equivalent to the assemblies hereinabove particularly referred to, except those periods of service for which, under existing or future laws, members of the Naval Militia may become entitled to the same pay as officers and enlisted men of the corresponding ranks, grades, or rates in the United States Navy and Marine Corps, may be accepted as service in lieu of such drills, when approved by the Secretary of the Navy.

Whenever a member of the Naval Militia who is employed under a department of the Government of the United States attends drills, cruises, or other ordered duty of the Naval Militia, he shall receive the amount of the salary or wages he would have earned when so employed, in addition to the amount provided for by law as a member of the said Naval Militia: *Provided, however*, That such attendance shall not affect his efficiency rating in said department, nor shall he suffer demotion or loss of position during or at the termination of any naval or military service when ordered upon special or active duty of any kind.

That the retainer pay provided above shall be paid quarterly, except as otherwise above provided, to officers and enlisted men of the Naval Militia through the disbursing officer provided for under section eleven of an Act to promote the efficiency of the Naval Militia, and for other purposes, approved February sixteenth, nineteen hundred and fourteen, who shall be an officer of the pay corps of the Naval Militia. The Secretary of the Navy is hereby authorized to pay to such disbursing officer so much of the amount appropriated to carry out the provisions of this Act as shall be necessary for the above purposes. When disbursing officers are traveling in the performance of their official duties under orders issued by the Secretary of the Navy they shall be reimbursed for their actual and necessary traveling expenses, the same to be made a charge against the appropriation "Arming and equipping Naval Militia."

The governor of each State and Territory, and the commanding general of the District of Columbia Militia, shall appoint either the above-described disbursing officer or such other officer of the pay

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corps of the Naval Militia as he may elect as accounting officer for each battalion thereof, or, at his option, for each larger unit or combination of units of the same, who shall be responsible for the proper accounting for all property belonging to the United States issued to and for the use of such battalion, or larger unit or combination of units.

Accounting officers shall render accounts as prescribed by the Secretary of the Navy and shall be required to give good and sufficient bonds to the United States in such sums as the Secretary of the Navy may direct, conditioned upon the faithful accounting for all property belonging to the United States and for the safekeeping of such part thereof as may be in the personal custody of such officer. Accounting officers may issue any or all such property to other officers or enlisted men of the Naval Militia under such rules and regulations as may be prescribed: *And provided further*, That the Secretary of the Navy shall cause an inspection of the accounts and records of the accounting officers to be made by an officer of the Navy at least once each year.

When accounting officers are traveling in the performance of their official duties under orders issued by the Secretary of the Navy they shall be reimbursed for their actual and necessary traveling expenses, the same to be made a charge against the appropriation "Arming and equipping Naval Militia."

That officers and enlisted men of the Naval Militia to whom property has been issued as herein provided for shall be responsible for the safe-keeping and return thereof. Stoppages may be made against the compensation payable to any officer or enlisted man of the Naval Militia to cover the cost of public property lost or destroyed by and chargeable to such officer or enlisted man.

That no part of the Naval Militia which is entitled to compensation under the provisions of this Act shall be disbanded without the consent of the President.

That to provide a force for use in any emergency, including that of actual or imminent war, requiring the use of naval forces in addition to those of the Regular Navy, of which emergency the President shall be, for the purposes of this Act, the sole judge, there is hereby created a force, to be known as the "National Naval Volunteers," into which the President alone is authorized, under such regulations as he may prescribe, to at any time enroll, by commission, warrant, and enlistment, respectively, and without examination, such number of the officers and men of the various branches of the Naval Militia as he may decide to so enroll from among those of the Naval Militia who have theretofore conformed to the standard of professional and physical examination prescribed for such officers and men under section five of an Act entitled "An Act to promote the efficiency of the Naval Militia, and for other purposes," approved February sixteenth, nineteen hundred and fourteen, and who may volunteer for such enrollment; and may also similarly enroll, immediately upon the occurrence of any such emergency (subject to their first or subsequently passing examinations satisfactory to him, or may, if he shall think best, enroll without any examination), such further number of the officers and men of the Naval Militia as may so volunteer from among those of the Naval Militia who have not theretofore

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conformed to said standards. Such officers and men, so enrolled by commission, warrant, or enlistment, shall be eligible and liable for call for immediate service in the event of any such emergency.

That the President may also, in the event of such emergency, draft into the naval service of the United States and enroll as members of the said Volunteers as many officers and men of the Naval Militia as he may think best, and with or without examination, as he may decide, from among those of the Naval Militia who shall not theretofore have volunteered and been enrolled in said Volunteers: *Provided*, That no commissioned or warrant officer drafted or otherwise enrolled shall be compelled to serve in said Volunteers in a lower rank or grade than that which he held in the Naval Militia at the time of being drafted or otherwise enrolled: *Provided further*, That the President may commission, warrant, or rate in said Volunteers any person who shall be so enrolled as above.

That when the National Naval Volunteers are ordered by the President into the active service they will, from the date such orders are issued until such time as they may be discharged from such service, be subject to the laws for the government of the Navy in so far as those laws may properly be applied to persons not in the regular permanent naval service.

That all persons so enrolled shall be held to service in said Volunteers during the continuance of any such emergency and during the period of any existing or thereafter ensuing war, unless sooner relieved by order of the President or until reaching the age of sixty-two years for those in the naval branch and the age of sixty-four years for those in the Marine Corps branch, upon attaining which ages such persons, respectively, shall be relieved from such enrollment: *Provided*, That during the continuance of any such emergency or war any enrolled person who shall fail to obey the call to service of the President may be arrested and compelled to serve, and, in addition thereto, may be tried by court-martial as a deserter and punished as such in such manner as said court-martial may lawfully direct.

That any person so enrolled may tender his resignation to, or request his discharge from, the President, who may, in his discretion, accept such resignation or grant such discharge and disenroll such person, and any person so enrolled may be disenrolled by the President for any cause: *Provided*, That no person so enrolled shall be held against his will to such enrollment for a longer continuous period than three years, except during the pendency or duration of the emergency or of war hereinabove referred to. Any person enrolled may subsequently, upon his own application while so enrolled and if still a member of the Naval Militia, be reenrolled in any rank, grade, or rating for which he shall have been found qualified under the provisions of section five of an Act entitled "An Act to promote the efficiency of the Naval Militia, and for other purposes," approved February sixteenth, nineteen hundred and fourteen, and for which he shall also have been duly commissioned, warranted, enlisted, or rated, as the case may be, in the Naval Militia.

That every person enrolled in said Volunteers shall, from the date of the call of the President, and during the continuance of his active service under said call, stand relieved from all duty as a member of the Naval Militia, and shall, during said period, have in said Volun-

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teers all the authority and obligations of a person of similar rank, grade, or rate in the United States Navy or Marine Corps, shall be governed by the laws and regulations for the government of the Navy, and shall, during his time of active service, be entitled to the same pay and allowances as are, or may be hereafter, provided by law for a person of similar rank, grade, or rate in the United States Navy and Marine Corps, respectively.

That the members of the said Volunteers may be ordered to duty with the Navy or separately, and either within or without the territorial limits of the United States, and when so serving shall rank with but after those of corresponding rank, grades, or rates in the United States Navy or Marine Corps, except that for the purpose of determining who shall exercise command over a combined force, composed of vessels commanded by officers of said Volunteers, and of vessels commanded by officers of the United States Navy, acting in conjunction, and for the purpose of determining who shall exercise command on shore over a combined force composed of military units commanded by officers of said Volunteers and officers of the United States Navy or Marine Corps, acting in conjunction, all officers of said Volunteers of or above the rank of lieutenant commander (naval branch) or major (Marine Corps branch) will be regarded as junior to lieutenant commanders of the Navy and majors of the United States Marine Corps, respectively, and provided that as between themselves officers of the said Volunteers shall take rank and precedence as of the dates of the commissions in the Naval Militia under which enrolled in said Volunteers.

That when serving under the call of the President, officers of said Volunteers may serve on courts-martial for the trial of officers and men of the United States naval or Naval Militia service, or of said Volunteers, but in the cases of courts-martial convened for the trial of officers or enlisted men of the United States Navy or Marine Corps, the majority of the members shall be officers of the regular naval service, and officers and enlisted men of the said Volunteers may be tried by courts-martial, the members of which are members of the regular naval service, or of said Volunteers, or any or all of the same.

That when any officer or enlisted man of the said Volunteers is disabled by reason of wounds or disabilities received in the active service of the United States, when called to duty under the provisions of this Act, he shall be entitled to all the benefits of the pension laws existing at the time of his service for the benefit of members of the United States Navy or Marine Corps, respectively, and in case such officer or enlisted man dies in the active service of the United States, or in returning to his place of residence after being relieved from such active service, or at any time in consequence of wounds or disabilities received in such active service, his widow and children, or previously designated dependent relative, if any, shall be entitled to all the benefits of such pension laws.

That the President may relieve any and all persons in the National Naval Volunteers from active service when their services are no longer needed.

That no distinction shall be made between the regular naval service and the National Naval Volunteers when in active service under the call of the President, in respect to promotions or rewards for valorous

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conduct, or to the conferring upon officers or enlisted men of brevet rank, medals of honor, or other rewards for distinguished conduct.

That the Naval Militia shall consist of the regularly enlisted militia between the ages of eighteen and forty-five years, organized as prescribed for the Naval Militia by law, and commissioned officers between the ages of twenty-one and sixty-two years (naval branch), and twenty-one and sixty-four years (Marine Corps branch): *Provided, however,* That enlisted men may continue in service after the age of forty-five years, and until the age of sixty-two years (naval branch), or sixty-four years (Marine Corps branch), provided the service is continuous.

That hereafter the period of enlistment in the Naval Militia shall be three years. An enlisted man who has served honorably for the full term of his enlistment may reenlist for a term of one, two, or three years, as he may elect. When a man reenlists within thirty days from the date of the expiration of his prior enlistment his term of service shall be considered as continuous, and shall be so dated.

That courts-martial in the Naval Militia of the several States and Territories and in the District of Columbia shall, except when the Naval Militia shall have been called into the service of the United States, consist of general courts-martial, summary courts-martial, and deck courts.

That general courts-martial shall consist of not less than three nor more than thirteen officers, and may be convened by order of the governor of a State or Territory, or the commanding general of the District of Columbia Militia.

That summary courts-martial may be ordered by the governor of a State, or Territory or by the commanding general of the District of Columbia Militia, or by the commanding officer of a Naval Militia battalion or brigade.

That deck courts may be ordered by the commanding officer of a Naval Militia battalion or brigade, or by a Naval Militia officer in command of Naval Militia forces on shore or on any vessel loaned to a State, Territory, or the District of Columbia, or on any vessel on which said forces may be serving.

That the above courts-martial and deck courts herein provided for shall be constituted and have cognizance of the same subjects and possess like powers, except as to punishments, as similar courts provided for in the Navy of the United States, and the proceedings of courts-martial of the Naval Militia shall follow the forms and modes of procedure prescribed for such courts in the Navy of the United States.

That every precept or order for the convening of any such court may authorize said court to sit at any place or places within the territorial limits of the State, Territory, or District where such Naval Militia may be located, or organized, as the convening authority may designate, and may further provide that any such court may be convened and sit on board any such naval or other vessel, wherever the same may from time to time happen to be, or at such place or places ashore, outside the territorial limits referred to above, as, in the judgment of the said convening authority, may be convenient or desirable for the purposes of such courts-martial.

That general courts-martial shall have power to impose fines not exceeding $200, to sentence to forfeiture of pay and allowances, to a

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reprimand, to dismissal or dishonorable discharge from the service, to reduction in rank or rating; or any two or more of such punishments may be combined in the sentences imposed by such courts.

That summary courts-martial shall have the same powers of punishment as general courts-martial, except that fines imposed by summary courts-martial shall not exceed $100.

That deck courts may impose fines not exceeding $50 for any single offense, may sentence enlisted men to reduction in rank or rating, to forfeiture of pay and allowances, to a reprimand, to discharge with other than dishonorable discharge, or to a fine in addition to any one of the other sentences specified.

That all courts-martial of the Naval Militia, including deck courts, shall have the power to sentence to confinement in lieu of fines authorized to be imposed: *Provided*, That such sentences shall not exceed one day for each dollar of fine authorized.

That no sentence of dismissal or dishonorable discharge from the Naval Militia shall, except when the Naval Militia shall have been called into the service of the United States, be executed without the approval of the governor of the State or Territory or the commanding general of the District of Columbia Militia.

That presidents of general courts-martial, senior members of summary courts-martial, and deck-court officers of the Naval Militia shall have the power to issue warrants to arrest accused persons and to bring them before the court for trial whenever such persons have disobeyed an order in writing from the convening authority to appear before such court, a copy of the charge or charges having been delivered to the accused with such order, and to issue subpœnas and subpœnas duces tecum, and to enforce by attachment attendance of witnesses and the production of books and papers, and to sentence for a refusal to be sworn or to answer, all as authorized for similar proceedings for courts-martial in the Navy of the United States.

That all processes and sentences of said courts-martial shall be executed by such civil or other officers as may be prescribed by the laws of the several States and Territories, except as hereinafter alternatively provided, and in any State where no provisions have been made for such action and in the Territories and the District of Columbia the same shall be executed by a United States marshal, or by his duly appointed deputy, and it shall further be the duty in any case of any United States marshal, when so required by the convening authority of any such court-martial, to execute all such processes and sentences and make return thereof to the officer issuing or imposing the same.

That the Naval Militia shall be subject to the system of discipline prescribed for the United States Navy and Marine Corps, and the commanding officer of a Naval Militia battalion or brigade, and the Naval Militia officer in command of Naval Militia forces on shore or on any vessel of the Navy loaned to the States, Territories, and the District of Columbia, or on any vessel on which such forces are training, shall have the power, without trial by courts-martial, to impose upon members of the Naval Militia the punishments which the commanding officer of a vessel of the Navy is authorized by law to impose.

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That the amount of any fine imposed under sentence of the courts heretofore named on any member of the Naval Militia may be collected from him, or may be deducted from any amount due said member as accrued pay or retainer pay under the provisions of this Act, or otherwise.

That all fines assessed under the provisions of this Act and collected or withheld shall be paid to the commanding officer of the Naval Militia brigade, battalion, or separate unassigned unit of which the person against whom such fine shall have been assessed is a member, to be used by said commanding officer to replace lost or damaged property or for such other purposes of his Naval Militia organization as he may decide, subject to such regulations as may be prescribed by the Secretary of the Navy. Upon the receipt of a certificate from the authority convening the court as to any fine assessed by it, any United States disbursing officer concerned shall pay over any funds due the said member not exceeding the amount of such fine to said commanding officer upon the sole receipt of said commanding officer.

That courts of inquiry in the Naval Militia shall be instituted, constituted, and conducted in the same manner and shall have like powers and duties as similar courts in the Navy of the United States, except that in the Naval Militia courts of inquiry shall be ordered by the governor of the State or Territory, the commanding general of the District of Columbia Militia, or the commanding officer of a Naval Militia brigade or battalion.

That officers of the United States Navy and Marine Corps may, with the approval of the Secretary of the Navy, be elected or appointed and commissioned as officers of the Naval Militia without prejudice to their position or status in the regular service: *Provided*, That such officers so commissioned shall, when directed by the Secretary of the Navy, tender their resignations of such State commissions: *And provided further*, That nothing herein contained shall limit the authority of the Secretary of the Navy over such officers so commissioned.

That line officers of the Naval Militia may be for line duties only, for engineering duties only, or for aeronautic duties only.

That, under such regulations as the President may prescribe, the Secretary of the Navy may, upon the recommendation of the governor of any State or Territory, or the commanding general of the National Guard of the District of Columbia, authorize a limited number of selected officers or enlisted men of the Naval Militia to attend and pursue a regular course of study at any Navy or Marine Corps service school of the United States, except the United States Naval Academy; or to be attached to any Navy or Marine Corps command for routine practical instruction; and such officer or enlisted man shall receive, out of any Naval Militia allotment of funds available for the purpose, the same travel allowances and quarters, or commutation of quarters, and the same pay, allowances, and subsistence to which an officer or enlisted man of the naval service would be entitled for attending such school, college, or practical course of instruction under orders from proper naval authority, while in actual attendance at such school, college, or practical course of instruction: *Provided*, That in no case shall the pay and allowances authorized by this section exceed those of a lieutenant in the Navy.

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That the Secretary of the Navy shall cause to be estimated annually the amount necessary for carrying out the provisions of this Act, and no money shall be expended under said provisions, except as shall, from time to time, be appropriated for carrying them out.

That the Secretary of the Navy is hereby authorized to sell at cost and issue lubricating oil and gasoline to vessels of the Volunteer Patrol Squadrons duly enrolled in the several naval districts; and that during maneuvers or practice drills when any of the vessels of said Patrol Boat Squadrons shall be acting singly or as squadrons under the direct command or control of an officer or officers of the United States Navy, gasoline fuel shall be supplied to them free of charge.

COAST GUARD.

Whenever, in time of war, the Coast Guard operates as a part of the Navy in accordance with law, the personnel of that service shall be subject to the laws prescribed for the government of the Navy: *Provided*, That in the initiation, prosecution, and completion of disciplinary action, including remission and mitigation of punishments for any offense committed by any officer or enlisted man of the Coast Guard, the jurisdiction shall hereafter depend upon and be in accordance with the laws and regulations of the department having jurisdiction of the person of such offender at the various stages of such action: *Provided further*, That any punishment imposed and executed in accordance with the provisions of this section shall not exceed that to which the offender was liable at the time of the commission of his offense.

Hereafter whenever, in accordance with law, the expenses of the Coast Guard are paid by the Navy Department, any naval appropriations from which payments are so made shall be reimbursed from available appropriations made by Congress for the expenses of the Coast Guard.

Whenever the personnel of the Coast Guard, or any part thereof, is operating with the personnel of the Navy in accordance with law, precedence between commissioned officers of corresponding grades in the two services shall be determined by the date of commissions in those grades.

Any commissioned or warrant officer, petty officer, or other enlisted man in the Coast Guard may be assigned to any duty which may be necessary for the proper conduct of the Coast Guard; and the Secretary of the Treasury in time of peace and the Secretary of the Navy in time of war may, in his discretion, man any Coast Guard station during the entire year, or any portion thereof, maintain any house of refuge as a Coast Guard station, and change, establish, and fix the limits of Coast Guard districts and divisions.

That the Secretary of the Treasury is hereby authorized and directed to construct and equip two steam Coast Guard cutters for service on the Pacific coast and in Alaskan waters, at a total cost not to exceed the sum of $700,000; one steam Coast Guard cutter for service as an anchorage patrol boat in New York Harbor, at a cost not to exceed the sum of $125,000, such vessel to be especially constructed for ice breaking; to purchase or construct and equip two or more cutters for service in harbors and shoal waters, at a total cost

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not to exceed $50,000; to purchase or construct and equip three light-draft river steamboats, including lifeboats and such other life-saving appliances and equipment as may be necessary, to be used in rescuing lives and property and in distributing food and clothing to marooned people during flood times on the Mississippi and Ohio Rivers and their tributaries, for patrolling said waters for the enforcement of navigation and motor-boat laws, and for rendering aid to vessels in distress, at a total cost not to exceed $240,000. On account of Coast Guard vessels herein authorized, to be available until expended, $400,000: *Provided*, That the Secretary of the Navy, at the request of the Secretary of the Treasury, is hereby authorized to build the vessels herein authorized, or any Coast Guard vessels hereafter authorized, at such navy yards as the Secretary of the Navy may designate.

That for the purpose of saving life and property along the coasts of the United States and at sea contiguous thereto, and to assist in the national defense, the Secretary of the Treasury is authorized to establish, equip, and maintain aviation stations, not exceeding ten in number, at such points on the Atlantic and Pacific coasts, the Gulf of Mexico, and the Great Lakes as he may deem advisable, and to detail for aviation duty in connection therewith officers and enlisted men of the United States Coast Guard. At one of these stations there may be instituted a school for the purpose of special instruction in aeronautics, and the Secretary of the Treasury is hereby authorized to employ one expert instructor in aeronautics, at a salary of $4,000 per annum, and one assistant instructor, also skilled in aeronautics, at a salary of $3,000 per annum.

At the request of the Secretary of the Treasury the Secretaries of War and Navy are authorized to receive officers and enlisted men of the Coast Guard for instruction in aviation at any aviation school maintained by the Army and Navy, and such officers and enlisted men shall be subject to the regulations governing such schools.

Hereafter officers and enlisted men of the Coast Guard, when detailed for aviation duty, shall receive the same percentages of increases in pay and allowances as are now or may hereafter be prescribed by law for officers and men of the Navy detailed for aviation duty: *Provided*, That no more than a yearly average of fifteen commissioned officers and a total of forty warrant officers and enlisted men of the Coast Guard detailed for duty involving actual flying in aircraft shall receive any increase in pay or allowances by reason of such detail or duty: *Provided further*, That the number of third lieutenants and third lieutenants of engineers now authorized by law for the Coast Guard is hereby increased ten and five, respectively, and such portion of the Act approved August twenty-fourth, nineteen hundred and twelve, which provides that no additional appointments as cadets or cadet engineers shall be made in the Revenue-Cutter Service unless hereafter authorized by Congress is hereby revoked.

LIGHTHOUSE SERVICE.

The President is hereby authorized, whenever in his judgment a sufficient national emergency exists, to transfer to the service and jurisdiction of the Navy Department, or of the War Department, such vessels, equipment, stations, and personnel of the Lighthouse Service as he may deem to the best interest of the country, and after

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such transfer all expenses connected therewith shall be defrayed out of the appropriations for the department to which transfer is made: *Provided*, That such vessels, equipment, stations, and personnel shall be returned to the Lighthouse Service when such national emergency ceases in the opinion of the President, and nothing in this Act shall be construed as transferring the Lighthouse Service or any of its functions from the Department of Commerce except in time of national emergency and to the extent herein provided: *Provided further*, That any of the personnel of the Lighthouse Service who may be transferred as herein provided shall, while under the jurisdiction of the Navy Department or War Department, be subject to the laws, regulations, and orders for the government of the Navy or Army, as the case may be, in so far as the same may be applicable to persons whose retention permanently in the military service of the United States is not contemplated by law.

The Secretary of the Navy, the Secretary of War, and the Secretary of Commerce shall jointly prescribe regulations governing the duties to be performed by the Lighthouse Service in time of war, and for the cooperation of that service with the Navy and War Departments in time of peace in preparation for its duties in war, and this may include arrangements for a direct line of communication between the officers or bureaus of the Navy and War Departments and the Bureau of Lighthouses to provide for immediate action on all communications from these departments.

That the President be, and he is hereby, authorized to appoint the following-named officers now on the retired list of the United States Navy to the grade and rank on the active list of the United States Navy, as hereinafter provided:

Commodore Ten Eyck De Witt Veeder, retired, to be a rear admiral on the active list, to take rank next after Rear Admiral Austin M. Knight, United States Navy; Captain Templin Morris Potts, retired, to be a rear admiral on the active list, to take rank next after Rear Admiral William B. Caperton, United States Navy; Captain John Henry Gibbons, retired, to be a captain on the active list, to take rank next after Captain Frank M. Bennett, United States Navy; Captain Frank Kinsey Hill, retired, to be a captain on the active list, to take rank next after Captain Clarence S. Williams, United States Navy; Captain Armistead Rust, retired, to be a captain on the active list, to take rank next after Captain Robert L. Russell, United States Navy; Captain John Gardner Quinby, retired, to be a rear admiral on the active list, to take rank next after Rear Admiral Thomas S. Rodgers, United States Navy; Captain John Morris Ellicott, retired, to be a captain on the active list, to take rank next after Captain Robert B. Higgins, United States Navy; Captain Frank W. Kellogg, retired, to be a captain on the active list to take rank next after Captain Thomas Snowden, United States Navy; Commander Allen M. Cook, retired, to be a commander on the active list and to take rank next after Commander John R. Brady, United States Navy; Commander Emmet R. Pollock, retired, to be a commander on the active list, to take rank next after Commander Andre Morton Procter, United States Navy; Captain Washington Irving Chambers, retired, to be a rear admiral on the active list, to take rank next after Rear Admiral Walter McLean, United States Navy; Commander George N. Hayward, retired, to be a captain on the active list to take rank

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next after Captain Lloyd H. Chandler, United States Navy: *Provided*, That the aforesaid officers shall establish to the satisfaction of the Secretary of the Navy, by the usual examination prescribed by law, their physical, mental, moral, and professional fitness to perform the duties of the grade on the active list to which they are hereby restored: *Provided further*, That the aforesaid officers shall be carried as additional numbers in the grade to which they may be appointed under this Act, or at any time thereafter promoted: *Provided further*, That the aforesaid officers shall not by the passage of this Act be entitled to back pay or allowances of any kind.

PROVISIONS, NAVY: For provisions and commuted rations for the seamen and marines, which commuted rations may be paid to caterers of messes, in case of death or desertion, upon orders of the commanding officers, commuted rations for officers on sea duty (other than commissioned officers of the line, Medical and Pay Corps, chaplains, chief boatswains, chief gunners, chief carpenters, chief machinists, chief pay clerks, and chief sailmakers) and midshipmen, and commuted rations stopped on account of sick in hospital and credited at the rate of 50 cents per ration to the naval hospital fund; subsistence of officers and men unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for commutation therefor to be given); and for subsistence of female nurses, and Navy and Marine Corps general courts-martial prisoners undergoing imprisonment with sentences of dishonorable discharge from the service at the expiration of such confinement: *Provided*, That the Secretary of the Navy is authorized to commute rations for such general courts-martial prisoners in such amounts as seem to him proper, which may vary in accordance with the location of the naval prison, but which shall in no case exceed 30 cents per diem for each ration so commuted; and for the purchase of United States Army emergency rations as required; in all, $9,820,900.25, to be available until the close of the fiscal year ending June thirtieth, nineteen hundred and eighteen.

For the purchase of necessary additional land, cattle, and work animals, machinery and implements, erection of new buildings, repairs and alterations of buildings now on the farm for clearing and improving the land and for all other purposes necessary for the complete installation of the Naval Academy dairy and farm, located at Gambrills, Maryland, $100,000: *Provided*, That the cost of said land shall not exceed $15,000: *Provided further*, That the amount appropriated for this purpose shall be treated as an advance to the midshipmen's store fund at the Naval Academy, to be ultimately returned to the United States: *Provided further*, That expenditures hereunder shall be reported by the Chief of the Bureau of Supplies and Accounts to the Secretary of the Navy in the same manner as now prescribed by law for the midshipmen's store fund.

MAINTENANCE, BUREAU OF SUPPLIES AND ACCOUNTS: For fuel; the removal and transportation of ashes and garbage from ships of war; books, blanks, and stationery, including stationery for commanding and navigating officers of ships, chaplains on shore and afloat, and for the use of courts-martial on board ship; purchase, repair, and exchange of typewriters for ships; packing boxes and materials;

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interior fittings for general storehouses, pay offices, and accounting offices in navy yards; expenses of disbursing officers; coffee mills and repairs thereto; expenses of naval clothing factory and machinery for the same; laboratory equipment; purchase of articles of equipage at home and abroad under the cognizance of the Bureau of Supplies and Accounts, and for the payment of labor in equipping vessels therewith, and the manufacture of such articles in the several navy yards; musical instruments and music; mess outfits; soap on board naval vessels; athletic outfits; tolls, ferriages, yeomen's stores, safes, and other incidental expenses; labor in general storehouses, paymasters' offices, and accounting offices in navy yards and naval stations, including naval stations maintained in island possessions under the control of the United States, and expenses in handling stores purchased and manufactured under "General account of advances"; and reimbursement to appropriations of the Department of Agriculture of cost of inspection of meats and meat food products for the Navy Department: *Provided*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for chemists and for clerical, inspection, storeman, store laborer, and messenger service in the general storehouses, paymasters' offices, and accounting offices of the navy yards and naval stations and disbursing offices for the fiscal year ending June thirtieth, nineteen hundred and seventeen, shall not exceed $1,183,000; in all, $2,623,640.

FREIGHT, BUREAU OF SUPPLIES AND ACCOUNTS: All freight and express charges pertaining to the Navy Department and its bureaus, except the transportation of coal for the Bureau of Supplies and Accounts, $725,000.

Section six of an Act entitled "An Act to regulate commerce," approved February fourth, eighteen hundred and eighty-seven, as amended March second, eighteen hundred and eighty-nine, and June twenty-ninth, nineteen hundred and six, which reads:

"That in time of war or threatened war preference and precedence shall, upon demand of the President of the United States, be given over all other traffic for the transportation of troops and material of war, and carriers shall adopt every means within their control to facilitate and expedite the military traffic,"

be amended to read as follows:

"That in time of war or threatened war preference and precedence shall, upon demand of the President of the United States, be given over all other traffic for the transportation of troops and material of war, and carriers shall adopt every means within their control to facilitate and expedite the military traffic. And in time of peace shipments consigned to agents of the United States for its use shall be delivered by the carriers as promptly as possible and without regard to any embargo that may have been declared, and no such embargo shall apply to shipments so consigned."

FUEL AND TRANSPORTATION: Coal and other fuel for steamers' and ships' use, including expenses of transportation, storage, and handling the same; maintenance and general operation of machinery of naval coaling depots and coaling plants; water for all purposes on board naval vessels; and ice for the cooling of water, including the expense of transportation and storage of both, $5,000,000.

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BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; steam steerers, pneumatic steerers, steam capstans, steam windlasses, and all other auxiliaries; labor in navy yards and on foreign stations; purchase of machinery and tools for use in shops; carrying on work of experimental model tank and wind tunnel; designing naval vessels; construction and repair of yard craft, lighters, and barges; wear, tear, and repair of vessels afloat; general care, increase, and protection of the Navy in the line of construction and repair; incidental expenses for vessels and navy yards, inspectors' offices, such as photographing, books, professional magazines, plans, stationery, and instruments for drafting room, and for pay of classified force under the bureau; for hemp, wire, iron, and other materials for the manufacture of cordage, anchors, cables, galleys, and chains; specifications for purchase thereof shall be so prepared as shall give fair and free competition; canvas for the manufacture of sails, awnings, hammocks, and other work; interior appliances and tools for manufacturing purposes in navy yards and naval stations; and for the purchase of all other articles of equipage at home and abroad; and for the payment of labor in equipping vessels therewith and manufacture of such articles in the several navy yards; naval signals and apparatus, other than electric, namely, signals, lights, lanterns, rockets, running lights, lanterns, and lamps and their appendages for general use on board ship for illuminating purposes, and oil and candles used in connection therewith; bunting and other materials for making and repairing flags of all kinds; for all permanent galley fittings and equipage; rugs, carpets, curtains, and hangings on board naval vessels, installing gun foundations on Panama Canal colliers Ulysses and Achilles, $10,071,069.16: *Provided*, That no part of this sum shall be applied to the repair of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed ten per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided further*, That no part of this sum shall be applied to the repair of any other ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed twenty per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to order repairs of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home. And the Secretary of the Navy is hereby authorized to make expenditures from appropriate funds under the various bureaus for repairs and changes on the vessels herein named, in an amount not to exceed the sum specified for each vessel, respectively, as follows: North Dakota, $730,000; Georgia, $525,000; Virginia, $525,000; Salem, $436,000; Cincinnati, $285,000; Saratoga, $335,000; Henley, $150,000; Mayrant, $150,000; F–1, $205,000; F–2, $205,000; F–3, $205,000; Pontiac, $20,000; Constitution, $150,000; in all, $3,915,000: *Provided further*, That the sum to be paid out of this appropriation, under

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the direction of the Secretary of the Navy, for clerical, drafting, inspection, watchmen (ship keepers), and messenger service in navy yards, naval stations, and officers of superintending naval constructors for the fiscal year ending June thirtieth, nineteen hundred and seventeen, shall not exceed $1,300,000.

The statutory limit of $200,000 for repairs and changes to capital ships of the Navy, as provided in the Act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and eight, approved March second, nineteen hundred and seven, is hereby changed to $300,000.

The Secretary of the Navy is hereby authorized to sell any or all of the auxiliary ships of the Navy classified as colliers, transports, tenders, supply ships, special types, and hospital ships, which are eighteen years and over in age, which he deems unsuited to present needs of the Navy and which can be disposed of at an advantageous price, which shall not be less than fifty per centum of their original cost, the money obtained from such sale to be covered into the Treasury as miscellaneous receipts.

IMPROVEMENT OF CONSTRUCTION PLANTS: For repairs and improvement of machinery and implements at plant at navy yard, Portsmouth, New Hampshire, $10,000.

For repairs and improvement of machinery and implements at plant at navy yard, Boston, Massachusetts, $25,000.

For repairs and improvement of machinery and implements at plant at navy yard, New York, New York, $35,000.

For repairs and improvement of machinery and implements at plant at navy yard, Philadelphia, Pennsylvania, $25,000.

For repairs and improvement of machinery and implements at plant at navy yard, Norfolk, Virginia, $35,000.

For repairs and improvement of machinery and implements at plant at navy yard, Charleston, South Carolina, $10,000.

For repairs and improvement of machinery and implements at plant at navy yard, Mare Island, California, $35,000.

For repairs and improvement of machinery and implements at plant at navy yard, Puget Sound, Washington, $25,000.

BUREAU OF STEAM ENGINEERING.

ENGINEERING: For repairs, preservation, and renewal of machinery, auxiliary machinery, and boilers of naval vessels, yard craft, and ships' boats, distilling and refrigerating apparatus; repairs, preservation, and renewal of electric interior and exterior signal communications and all electrical appliances of whatsoever nature on board naval vessels, except range finders, battle order and range transmitters and indicators, and motors and their controlling apparatus used to operate machinery belonging to other bureaus; maintenance and operation of coast signal service, including expenses of office of superintendent of radio service and the purchase of land as necessary for sites for radio shore stations; equipage, supplies, and materials under the cognizance of the bureau required for the maintenance and operation of naval vessels, yard craft, and ships' boats; purchase, installation, repair, and preservation of machinery, tools, and appliances in navy yards and stations; pay of classified force under the

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bureau; incidental expenses for naval vessels, navy yards and stations, inspectors' offices, the engineering experiment station, such as photographing, technical books, and periodicals, stationery, and instruments; instruments and apparatus, supplies, and technical books and periodicals necessary to carry on experimental and research work in radiotelegraphy at the naval radio laboratory: *Provided*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for clerical, drafting, inspection, and messenger service in navy yards, naval stations, and offices of United States inspectors of machinery and engineering material for the fiscal year ending June thirtieth, nineteen hundred and seventeen, shall not exceed $801,876.28: *Provided further*, That the sum to be paid out of this appropriation for the purchase of land for sites for radio shore stations shall not exceed $10,000: *Provided further*, That such land of the United States under the control of a particular department or other branch of the Government that has been or may hereafter be mutually selected as a site for a naval radio station may, by direction of the President, be transferred to and placed under the control and jurisdiction of the Navy Department for use as a naval radio station or other naval purposes: *Provided further*, That the total expenditures under this appropriation at the naval radio laboratory shall not exceed $5,000: *Provided further*, That so much of the foregoing and of current appropriations as may be necessary may be used to complete the construction of the machinery of the fuel ship Maumee: *Provided further*, That an expenditure under this appropriation of not exceeding $10,000 for the purchase and construction of antennæ and supports for the State, War, and Navy Department Buildings for the use of the naval radio service is hereby authorized; in all, engineering, $9,056,376.28: *Provided further*, That an expenditure under this appropriation of not exceeding $4,500 is authorized for the installation of a pneumatic tube between the communication office in the State, War, and Navy Building, and the branch communication office in the Navy annex.

High-power radio stations: For the completion of high-power radio stations (cost not to exceed $1,500,000), to be located as follows: One in the Isthmian Canal Zone, one on the California coast, one in the Hawaiian Islands, one in American Samoa, one on the island of Guam, and one in the Philippine Islands, $300,000, to be available until expended.

For the construction of propelling engines for the North Dakota, Salem, Mayrant, and Henley, to be available until expended, $1,000,000.

Engineering experiment station, United States Naval Academy, Annapolis, Maryland—Experimental and research work: For original investigation and extended experimentation of naval appliances; and for the purchase of such machines and auxiliaries considered applicable for test and use in the naval service, and for maintenance of buildings and grounds, $85,000.

Equipment of building: For extension of steam, air, and water lines, and electric circuits; for foundations for machinery; for purchase and installation of additional testing instruments and apparatus, $20,000.

MACHINERY PLANTS: For repairs and improvements of machinery plants at navy yards at Portsmouth, New Hampshire, $25,000; Bos-

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ton, Massachusetts, $35,000; New York, New York, $25,000; Philadelphia, Pennsylvania, $25,000; Norfolk, Virginia, $25,000; Charleston, South Carolina, $20,000; Mare Island, California, $25,000; and Puget Sound, Washington, $20,000; in all, $200,000.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: Pay of professors and instructors, $175,000: *Provided*, That the Secretary of the Navy is authorized to employ at the Naval Academy such number of professors and instructors, including one professor as librarian, as, in his opinion, may be necessary for the proper instruction of the midshipmen; and that professors and instructors so employed shall receive such compensation for their services as may be prescribed by the Secretary of the Navy: *Provided further*, That the total amount so paid shall not exceed $175,000 annually: *And provided further*, That the Secretary of the Navy shall report to Congress each year the number of professors and instructors so employed and the amount of compensation prescribed for each.

No part of any sum in this Act appropriated shall be expended in the pay or allowances of any commissioned officer of the Navy detailed for duty as an instructor at the United States Naval Academy to perform duties which were performed by civilian instructors on January first, nineteen hundred and thirteen.

One swordmaster, $1,600; one assistant, $1,200; and two assistants, at $1,000 each; two instructors in physical training, at $1,500 each; and one assistant instructor in physical training, at $1,000; and one instructor in gymnastics, $1,200; one assistant librarian, $2,160; one cataloguer, $1,200; and two shelf assistants, at $900 each; one secretary of the Naval Academy, $2,400; two clerks, at $1,500 each; four clerks, at $1,200 each; four clerks, at $1,000 each; four clerks, at $900 each; four clerks, at $840 each; one stenographer at $840; one draftsman, $1,200; one surveyor, $1,200; services of organist at chapel, $300; one captain of the watch, $1,100; one second captain of the watch, $1,000; twenty-two watchmen, at $900 each; three telephone switchboard operators, at $600 each; one attendant at $300. In all, pay of professors and others, Naval Academy, $238,860.

DEPARTMENT OF ORDNANCE AND GUNNERY: One leading ordnanceman, $960; one ordnanceman at $750; one at $660; one at $540; two ordnance helpers, at $480 each; and one writer, $600; in all, $4,470.

DEPARTMENTS OF ELECTRICAL ENGINEERING AND PHYSICS: One electrical machinist, at $1,180; one electrical machinist, at $1,180; two mechanics, at $1,180 each; in all, $4,720.

DEPARTMENT OF SEAMANSHIP: One clerk at $840; one cockswain, $480; three seamen, at $420 each; in all, $2,580.

DEPARTMENT OF MARINE ENGINEERING AND NAVAL CONSTRUCTION: One master machinist, $1,900, and one assistant, $1,300; one pattern maker, $1,300; one boiler maker, one blacksmith, three machinists, one molder and one coppersmith, at $1,180 each; one instructor in mechanical drawing, $2,000; machinists and other employees, $7,731.92; in all, $22,491.92.

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COMMISSARY DEPARTMENT: One chief cook, $1,200; six cooks, at $600 each, and ten assistants, at $360 each; one steward, $1,200, and one assistant, $1,080; one head waiter, $840, and two assistants, at $480 each; four pantry men, at $420 each; one chief baker, at $1,200; five bakers, $600 each; two assistants, at $540 each, and three assistants, $480; four baker helpers, at $300 each; fifty waiters, at $20 per month each, and fifty waiters, at $16 per month each, $21,600; one messenger to the superintendent, $600; twenty-nine attendants, at $400 each, $11,600; three coffeemen, at $300 each; three dish pantrymen, at $300 each; three firemen, at $300 each; two utility men, at $300 each; one lineman, at $300; two seamstresses, at $420 each; three clerks, at $360 each; in all, $61,400.

In all, civil establishment, $334,521.92.

CURRENT AND MISCELLANEOUS EXPENSES, NAVAL ACADEMY: Text and reference books for use of instructors; stationery, blank books and forms, models, maps, and periodicals; apparatus and materials for instruction in physical training and athletics; expenses of lectures and entertainments not exceeding $1,000, including pay and expenses of lecturer; chemicals, philosophical apparatus and instruments, stores, machinery, tools, fittings, apparatus, and materials for instruction purposes, $29,585.

Purchase, binding, and repair of books for the library (to be purchased in the open market on the written order of the superintendent), $2,500.

From and after the passage of this Act there shall be appointed every year, in the following manner, a Board of Visitors, to visit the academy, the date of the annual visit of the board aforesaid to be fixed by the Secretary of the Navy: Seven persons shall be appointed by the President and four Senators and five Members of the House of Representatives shall be designated as visitors by the Vice President or President pro tempore of the Senate and the Speaker of the House of Representatives, respectively, in the month of January of each year. The chairman of the Committee on Naval Affairs of the Senate and chairman of the Committee on Naval Affairs of the House of Representatives shall be ex officio members of said board.

Each member of said board shall receive while engaged upon duties as a member of the board not to exceed $5 a day and actual expenses of travel by the shortest mail routes.

For expenses of the Board of Visitors to the Naval Academy, $3,000.

For contingencies for the superintendent of the academy, to be expended in his discretion, $2,500.

In all, current and miscellaneous expenses, $37,585.

MAINTENANCE AND REPAIRS, NAVAL ACADEMY: For general maintenance and repairs at the Naval Academy, namely: For necessary repairs of public buildings, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, and fixtures; for books, periodicals, maps, models, and drawings; purchase and repair of fire engines; fire apparatus and plants; machinery; purchase and maintenance of all horses and vehicles for use at the academy, including the maintenance, operation, and repair of three horse-drawn passenger-carrying vehicles to be used only for official purposes; seeds and plants; tools and repairs of the same; stationery; furniture for

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Government buildings and offices at the academy; coal and other fuel; candles, oil, and gas; attendance on light and power plants; cleaning and clearing up station and care of buildings; attendance on fires, lights, fire engines, fire apparatus, and plants, and telephone, telegraph, and clock systems; incidental labor; advertising, water tax, postage, telephones, telegrams, tolls, and ferriage; flags and awnings; packing boxes; fuel for heating and lighting bandsmen's quarters; pay of inspectors and draftsmen; music, musical and astronomical instruments; and for the pay of employees on leave, $327,724.

Rent of buildings for the use of the academy, and commutation of rent for bandsmen, at $8 per month each, $4,116.

In all, Naval Academy, $703,946.92.

MARINE CORPS.

PAY, MARINE CORPS: Pay of officers, active list: For pay and allowances prescribed by law of officers on the active list, including clerks for assistant paymasters, nine, and for the following additional officers hereby authorized, $1,421,849.

Hereafter the total number of commissioned officers of the active list of the line and staff of the Marine Corps, exclusive of officers borne on the Navy list as additional numbers, shall be four per centum of the total authorized enlisted strength of the active list of the Marine Corps, exclusive of the Marine Band, and of men under sentence of discharge by court-martial, distributed in the proportion of one officer with rank senior to colonel to four with the rank of colonel, to five with the rank of lieutenant colonel, to fourteen with the rank of major, to thirty-seven with the rank of captain, to thirty-one with the rank of first lieutenant, to thirty-one with the rank of second lieutenant: *Provided further*, That brigadier generals shall be appointed from officers of the Marine Corps senior in rank to lieutenant colonel: *Provided further*, That the promotion to the grade of brigadier general of any officer now or hereafter carried as an additional number in the grade or with the rank of colonel shall be held to fill a vacancy in the grade of brigadier general: *Provided further*, That in determining the officers with rank senior to colonel there shall be included the officer serving as major general commandant: *And provided further*, That appointments hereafter made to the position of major general commandant under the provisions of the Act approved December nineteenth, nineteen hundred and thirteen, entitled "An Act to make the tenure of office of the major general commandant of the Marine Corps for a term of four years," shall be made from officers of the active list of the Marine Corps not below the rank of colonel: *Provided further*, That the officers serving in the senior grade of the Adjutant and Inspector's, Quartermaster's, and Paymaster's Departments shall, while serving therein, have the rank, pay, and allowances of a brigadier general: *And provided further*, That for the purpose of determining the number of officers in the various ranks as herein provided such staff officers shall be counted as being of the rank of colonel: *And provided further*, That officers holding permanent appointments in the staff departments shall not be eligible for appointment to the grade of brigadier general of the line as hereinbefore provided.

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The total commissioned personnel of the active list of the staff departments, whether serving therein under permanent appointments or under temporary detail, as herein provided, shall be eight per centum of the authorized commissioned strength of the Marine Corps, and of this total one-fifth shall constitute the adjutant and inspector's department, one-fifth the paymaster's department, and three-fifths the quartermaster's department.

No further permanent appointments shall be made in any grade in any staff department. Any vacancy hereafter occurring in the lower grade of any staff department shall be filled by the detail of an officer of the line for a period of four years unless sooner relieved; any vacancy hereafter occurring in the upper grade of any staff department shall be filled by the appointment of an officer with the rank of colonel holding a permanent appointment in the staff department in which the vacancy exists, or of some other officer holding a permanent appointment in such staff department in case there be no permanent staff officer with the rank of colonel in that department, or of a colonel of the line in case there be no officer holding a permanent appointment in such staff department. Such appointments shall be made by the President and be for a term of four years, and the officer so appointed shall be recommissioned in the grade to which appointed.

That prior to June thirtieth, nineteen hundred and eighteen, an officer holding a permanent appointment in any staff department may, upon his own application, with the approval of the President, be reappointed in the line of the Marine Corps in the grade and with the rank he would hold on the date of his reappointment if he had remained continuously in the line: *Provided*, That no officer holding a permanent appointment in any staff department shall be recommissioned in the line with the rank of colonel or lieutenant colonel: *Provided further*, That such staff officer shall, before being reappointed in the line of the Marine Corps as above provided, perform line duties for one year, at the expiration of which time he shall as a prerequisite to reappointment in the line be required to establish to the satisfaction of an examining board consisting of line officers of the Marine Corps his physical, mental, and professional fitness for the performance of line duty.

That for the purpose of advancement in rank to and including the grade of colonel, all commissioned officers of the line and staff of the Marine Corps shall be placed on a common list in the order of seniority each would hold had he remained continuously in the line. All advancements in rank to captain, major, lieutenant colonel, and colonel shall, subject to the usual examinations, be made from officers with the next junior respective rank, whether of the line or staff, in the order in which their names appear on said list.

Appointees to the grade of second lieutenant, if appointed from civil life, shall be between the ages of twenty and twenty-five years, and before receiving a commission in the Marine Corps, each appointee shall establish to the satisfaction of the Secretary of the Navy his mental, physical, moral, and professional qualifications for such commission: *Provided*, The President of the United States be, and hereby is, authorized, by and with the advice and consent of the Senate, to appoint as second lieutenants on the active list in the United States

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Marine Corps, to take rank at the foot of the list of second lieutenants as it stands at the date of reinstatement, former officers of the Marine Corps who resigned from the naval service in good standing: *Provided*, That they shall establish their moral, physical, mental, and professional qualifications to perform the duties of that grade to the satisfaction of the Secretary of the Navy: *Provided further*, That the Secretary of the Navy, in his discretion, may waive the age limit in favor of the aforesaid former officers of the Marine Corps: *Provided further*, That the prior service of such officers and the service after reinstatement shall be not less than thirty years before the age of retirement. That appointments from noncommissioned officers of the Marine Corps and from civil life shall be for a probationary period of two years and may be revoked at any time during that period by the Secretary of the Navy: *Provided further*, That the rank of such officers of the same date of appointment among themselves at the end of said probationary period shall, with the approval of the Secretary of the Navy, be determined by the report of a board of Marine officers who shall conduct a competitive professional examination under such rules as may be prescribed by the Secretary of the Navy and the rank of such officers so determined shall be as of date of original appointment with reference to other appointments to the Marine Corps: *Provided further*, That no midshipman at the United States Naval Academy or cadet at the United States Military Academy who fails to graduate therefrom shall be eligible for appointment as a commissioned officer in the Marine Corps until after the graduation of the class of which he was a member.

That the warrant grades of marine gunner and quartermaster clerk are hereby established, and the appointment as herein prescribed of twenty marine gunners and twenty quartermaster clerks is hereby authorized. Officers in those grades shall have the rank and receive the pay, allowances and privileges of retirement of warrant officers in the Navy. They shall be appointed from the noncommissioned officers of the Marine Corps and clerks to quartermasters now serving as such and who have performed field service.

That officers of the Marine Corps with the rank of colonel who shall have served faithfully for forty-five years on the active list shall, when retired, have the rank of brigadier general; and such officers who shall hereafter be retired at the age of sixty-four years before having served for forty-five years, but who shall have served faithfully on the active list until retired, shall, on the completion of forty years from their entry in the naval service, have the rank of brigadier general.

The President is hereby authorized, within two years after the approval of this Act, by and with the advice and consent of the Senate, to transfer to the active list of the Marine Corps or Navy Pay Corps any officer under fifty years of age who may have been transferred from the active list to the retired list of the Marine Corps or Navy Pay Corps by the action of any retiring board for physical disability incurred in the line of duty: *Provided*, That such officer shall be transferred to the place on the active list which he would have had if he had not been retired, and shall be carried as an additional number in the grade to which he may be transferred or at any time thereafter promoted: *Provided further*, That such officer shall establish to the satisfaction of the Secretary of the Navy his mental, moral, professional, and physical qualifications to perform the duties on the active

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list of the grade to which he is transferred. The provisions of sections fourteen hundred and ninety-three and fourteen hundred and ninety-four of the Revised Statutes of the United States shall apply to the Marine Corps.

In lieu of suspension from promotion of any officer of the Marine Corps who hereafter fails to pass a satisfactory professional examination for promotion, or who is now under suspension from promotion by reason of such failure, such officer shall suffer loss of numbers, upon approval of the recommendation of the examining board, in the respective ranks, as follows: Lieutenant colonel, one; major, two; captain, three; first lieutenant, five; second lieutenant, eight: *Provided*, That any such officer shall be reexamined as soon as may be expedient after the expiration of six months if he in the meantime again becomes due for promotion, and if he does not in the meantime again become due for promotion he shall be reexamined at such time anterior to again becoming due for promotion as may be for the best interests of the service: *Provided further*, That if any such officer fails to pass a satisfactory professional reexamination he shall be honorably discharged with one year's pay from the Marine Corps.

For pay of officers prescribed by law, on the retired list: For two major generals, four brigadier generals, six colonels, four lieutenant colonels, ten majors, nineteen captains, twelve first lieutenants, three second lieutenants, and one paymaster's clerk, and for officers who may be placed thereon during the year, including such increased pay as is now or may hereafter be provided for retired officers regularly assigned to active duty, $180,872.50.

Pay of enlisted men, active list: Pay and allowances of noncommissioned officers, musicians, and privates, as prescribed by law, and for the following additional enlisted men hereby authorized: Twenty-eight sergeants major, one hundred and seventeen quartermaster sergeants, one hundred and seven first sergeants, one hundred and seven gunnery sergeants, five hundred sergeants, eight hundred and thirty-five corporals, fifty drummers, fifty trumpeters, three thousand two hundred and thirty-five privates; and hereafter the number of enlisted men of the Marine Corps shall be exclusive of those sentenced by court-martial to discharge, and for the expenses of clerks of the United States Marine Corps traveling under orders, and including additional compensation for enlisted men of the Marine Corps regularly detailed as gun captains, gun pointers, mess sergeants, cooks, messmen, signalmen, or holding good-conduct medals, pins, or bars, including interest on deposits by enlisted men, post-exchange debts of deserters, under such rules as the Secretary of the Navy may prescribe, and the authorized travel allowance of discharged enlisted men and for prizes for excellence in gunnery exercise and target practice, both afloat and ashore. In all, $3,665,942.52.

The President is authorized, when, in his judgment, it becomes necessary to place the country in a complete state of preparedness, to further increase the enlisted strength of the Marine Corps to seventeen thousand four hundred: *And provided*, That the distribution in the various grades shall be in the same proportion as that authorized at the time when the President avails himself of the authority herein granted.

That the band of the United States Marine Corps shall consist of one leader, whose pay and allowances shall be those of a captain in

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the Marine Corps; one second leader, whose pay shall be $150 per month and who shall have the allowances of a sergeant major; ten principal musicians, whose pay shall be $125 per month; twenty-five first-class musicians, whose pay shall be $100 per month; twenty second-class musicians, whose pay shall be $85 per month; and ten third-class musicians, whose pay shall be $70 per month; such musicians of the band to have the allowances of a sergeant and to have no increase in the rates of pay on account of length of service: *Provided*, That a member of the said band shall not, as an individual, furnish music, or accept an engagement to furnish music, when such furnishing of music places him in competition with any civilian musician or musicians, and shall not accept or receive remuneration for furnishing music except under special circumstances when authorized by the President.

For pay and allowances prescribed by law of enlisted men on the retired list: For seven sergeants major, one drum major, twenty-three gunnery sergeants, twenty-seven quartermaster sergeants, forty first sergeants, sixty-four sergeants, seventeen corporals, nineteen first-class musicians, one drummer, one fifer, and twenty-two privates, and for those who may be retired during the fiscal year, $152,091.

Undrawn clothing: For payment to discharged enlisted men for clothing undrawn, $100,000.

Mileage: For mileage to officers traveling under orders without troops, $58,000.

For commutation of quarters of officers on duty without troops where there are no public quarters, $61,000.

PAY OF CIVIL FORCE: In the office of the major general commandant: One chief clerk, at $2,000; one clerk, at $1,800; one messenger, at $971.28.

In the office of the paymaster: One chief clerk, at $2,000; one clerk, at $1,500; one clerk, at $1,200.

In the office of the adjutant and inspector: One chief clerk, at $2,000; one clerk, at $1,800; one clerk, at $1,500; one clerk, at $1,400; one clerk, at $1,200.

In the office of the quartermaster: One chief clerk, at $2,000; one clerk, at $1,800; one clerk, at $1,500; two clerks, at $1,400 each; two clerks, at $1,200 each; one draftsman, at $1,800.

In the office of the assistant quartermaster, San Francisco, California: One chief clerk, at $1,800.

In the office of the assistant quartermaster, Philadelphia, Pennsylvania: One chief clerk, at $1,800; one messenger, at $840.

In all, for pay of civil force, $34,111.28, and the money herein specifically appropriated for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law as pay of the Marine Corps, and for that purpose shall constitute one fund.

In all, pay, Marine Corps, $5,673,866.30.

MAINTENANCE, QUARTERMASTER'S DEPARTMENT, MARINE CORPS.

PROVISIONS, MARINE CORPS: For noncommissioned officers, musicians, and privates serving ashore; subsistence and lodging of enlisted men when traveling on duty, or cash in lieu thereof; commutation of rations to enlisted men regularly detailed as clerks and messengers;

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payments of board and lodging of applicants for enlistment while held under observation, recruits, and recruiting parties, or in lieu of board, commutation of rations to recruiting parties; transportation of provisions, and the employment of necessary labor connected therewith; ice machines and their maintenance where required for the health and comfort of the troops and for cold storage; ice for offices and preservation of rations, $1,491,621.90. No law shall be construed to entitle enlisted men on shore duty to any rations or commutation therefor other than such as are now or may hereafter be allowed enlisted men in the Army: *Provided*, That when it is impracticable or the expense is found greater to supply marines serving on shore duty in the island possessions and on foreign stations with the Army ration, such marines may be allowed the Navy ration or commutation therefor: *Provided further*, That hereafter so much of this appropriation as may be necessary may be applied for the purchase, for sale to officers, enlisted men, and civilian employees, of such articles of subsistence stores as may from time to time be designated and under such regulations as may be prescribed by the Secretary of the Navy.

CLOTHING, MARINE CORPS: For noncommissioned officers, musicians, and privates, authorized by law, $1,158,058.50.

FUEL, MARINE CORPS: For heat, light, and commutation thereof for the authorized allowance of quarters for officers and enlisted men, and other buildings and grounds pertaining to the Marine Corps; fuel, electricity, and oil for cooking, power, and other purposes; and sales to officers, $243,561.92.

MILITARY STORES, MARINE CORPS: Pay of chief armorer, at $4 per diem; one mechanic, at $3 per diem; two mechanics, at $2.50 each per diem; one chief electrician, at $4 per diem, and one assistant electrician, at $3.50 per diem; per diem of enlisted men employed on constant labor for periods of not less than ten days; purchase of two armored automobiles, to cost not exceeding $10,000 each, military equipments, such as rifles, revolvers, cartridge boxes, bayonet scabbards, haversacks, blanket bags, canteens, rifle slings, swords, drums, trumpets, flags, waistbelts, waist plates, cartridge belts, spare parts for repairing rifles, machetes; purchase and repair of tents, field cots, field ovens, and stoves for tents; purchase and repair of instruments for bands; purchase of music and musical accessories; purchase and marking of prizes for excellence in gunnery and rifle practice; good-conduct badges; medals awarded to officers and enlisted men by the Government for conspicuous, gallant, and special service; incidental expenses of schools of application; construction, equipment, and maintenance of school, library, and amusement rooms and gymnasiums for enlisted men, and the purchase and repair of all articles of field sports for enlisted men; purchase and repair of signal equipment and stores; establishment and maintenance of targets and ranges, renting ranges, construction of buildings for temporary shelter and preservation of stores, and entrance fees in competitions; procuring, preserving, and handling ammunition and other necessary military supplies, including a reserve supply of small-arms ammunition; in all, $1,657,021.74.

CAMPS OF INSTRUCTION: The Secretary of the Navy is hereby authorized to establish and maintain at such places as he may designate, and prescribe regulations for the government thereof, Marine Corps training camps for the instruction of citizens of the United

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States who make application and are designated for such training; no such camps to be in existence for a period longer than six weeks in each fiscal year, except in time of actual or threatened war; to use Marine Corps and such other Government property as he may deem necessary for the military training of such citizens while in attendance at such camps. The Quartermaster's Department, United States Marine Corps, is authorized to sell such articles of uniform clothing as may be prescribed at cost price to the volunteer citizens who are designated to participate in these instructions: *Provided*, That these citizens shall be required to furnish at their own expense transportation and subsistence to and from these camps, and subsistence while undergoing training therein. The sum of $31,000 is hereby appropriated to carry into effect the foregoing provisions.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, and of applicants for enlistment between recruiting stations and recruit depots or posts, including ferriage and transfers en route, or cash in lieu thereof; toilet kits for issue to recruits upon their first enlistment and the expense of the recruiting service, $549,630.65: *Provided*, That authority is hereby granted to employ the services of advertising agencies in advertising for recruits under such terms and conditions as are most advantageous to the Government.

REPAIRS OF BARRACKS, MARINE CORPS: Repairs and improvements to barracks, quarters, and other public buildings at posts and stations; for the renting, leasing, improvement, and erection of buildings in the District of Columbia, and at such other places as the public exigencies require; and for per diem to enlisted men employed under the direction of the Quartermaster's Department on the repair of barracks, quarters, and other public buildings on constant labor for periods of not less than ten days, $220,000.

FORAGE, MARINE CORPS: For forage in kind and stabling for public animals of the Quartermaster's Department and the authorized number of officers' horses, $80,306.

COMMUTATION OF QUARTERS, MARINE CORPS: Commutation of quarters for enlisted men on recruiting duty, for officers and enlisted men serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them; commutation of quarters for enlisted men employed as clerks and messengers in the offices of the commandant, adjutant and inspector, paymaster, and quartermaster, and the offices of the assistant adjutant and inspectors, assistant paymasters, assistant quartermasters, at $21 each per month, and for enlisted men employed as messengers in said offices, at $10 each per month, $111,928.

CONTINGENT, MARINE CORPS: For freight, expressage, tolls, cartage, advertising, washing of bed sacks, mattress covers, pillowcases, towels, and sheets, funeral expenses of officers and enlisted men and retired enlisted men of the Marine Corps, including the transportation of bodies and their arms and wearing apparel from the place of demise to the homes of the deceased in the United States; stationery and other paper, printing and binding; telegraphing, rent of telephones; purchase, repair, and exchange of typewriters; apprehension of stragglers and deserters; per diem of enlisted men employed on constant labor for periods of not less than ten days; employment of civilian labor; purchase, repair, and installation and maintenance of

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gas, electric, sewer, and water pipes and fixtures; office and barracks furniture, camp and garrison equipage and implements; mess utensils for enlisted men; packing boxes, wrapping paper, oilcloth, crash, rope, twine, quarantine fees, camphor and carbolized paper, carpenters' tools, tools for police purposes, safes; purchase, hire, repair, and maintenance of such harness, wagons, motor wagons, armored automobiles, carts, drays, motor-propelled and horse-drawn passenger-carrying vehicles, to be used only for official purposes, and other vehicles as are required for the transportation of troops and supplies and for official military and garrison purposes; purchase of public horses and mules; services of veterinary surgeons, and medicines for public animals, and the authorized number of officers' horses; purchase of mounts and horse equipment for all officers below the grade of major required to be mounted; shoeing for public animals and the authorized number of officers' horses; purchase and repair of hose, fire extinguishers, hand grenades, carts, wheelbarrows, and lawn mowers; purchase, installation, and repair of cooking and heating stoves and furnaces; purchase of towels, soap, combs, and brushes for offices; postage stamps for foreign and registered postage; books, newspapers, and periodicals; improving parade grounds; repair of pumps and wharves, water; straw for bedding, mattresses; mattress covers, pillows, sheets; furniture for Government quarters and repair of same; packing and crating officers' allowance of baggage on change of station; deodorizers, lubricants, disinfectants; and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify, $846,385.

In all, for the maintenance of Quartermaster's Department, Marine Corps, $6,389,513.71; and the money herein specifically appropriated for the maintenance of the Quartermaster's Department, Marine Corps, shall be disbursed and accounted for in accordance with existing law as maintenance, Quartermaster's Department, Marine Corps, and for that purpose shall constitute one fund.

For the authorized expenses of the Marine Corps Reserve, $25,000.

Total Marine Corps, exclusive of public works, $12,088,380.01.

INCREASE OF THE NAVY.

For the purpose of further increasing the Naval Establishment of the United States, the President of the United States is hereby authorized to undertake prior to July first, nineteen hundred and nineteen, the construction of the vessels enumerated below:

Ten first-class battleships, carrying as heavy armor and as powerful armanent as any vessels of their class, to have the highest practicable speed and greatest desirable radius of action; four of these at a cost, exclusive of armor and armament, not to exceed $11,500,000 each, to be begun as soon as practicable.

Six battle cruisers, carrying suitable armor and as powerful armament as any vessels of their class, to have the highest practicable speed and greatest desirable radius of action; four of these to cost, exclusive of armor and armament, not to exceed $16,500,000 each, to be begun as soon practicable.

Ten scout cruisers, carrying suitable protection and armament suited to their size and type, to have the highest practicable speed and greatest desirable radius of action; four to cost, exclusive of

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armor and armament, not to exceed $5,000,000 each, to be begun as soon as practicable.

Fifty torpedo-boat destroyers, to have the highest practicable speed and greatest desirable radius of action; twenty to cost, exclusive of armor and armament, not to exceed $1,200,000 each, to be begun as soon as practicable: *Provided*, That not less than four of these shall be built on the Pacific coast: *Provided further*, That the cost of construction on the Pacific coast does not exceed the cost of construction on the Atlantic coast, plus the cost of transportation from the Atlantic to the Pacific.

Nine fleet submarines.

Fifty-eight coast submarines, of which number three to have a surface displacement of about eight hundred tons each, to cost, exclusive of armor and armament, not to exceed $1,200,000 each, and twenty-seven, which shall be the best and most desirable and useful type of submarine which can be procured at a cost, exclusive of armor and armament, not to exceed $700,000 each, shall be begun as soon as practicable; and the sum of $8,217,000 is hereby appropriated for the construction of said submarines, to be available until expended. Not less than twelve of the submarines herein authorized to be begun as soon as practicable shall be built on the Pacific coast: *Provided*, That the cost of construction on the Pacific coast does not exceed the cost of construction on the Atlantic coast, plus the cost transportation from the Atlantic to the Pacific.

One submarine, equipped with the Neff system of submarine propulsion, exclusive of armor and armament, $250,000: *Provided*, That the owners of the Neff system of submarine propulsion will construct, in accordance with drawings, plans, and specifications provided by them, one coast-defense submarine of about one hundred and fifty tons displacement when submerged, carrying armor and armament similar and equal to that of the "C" class of submarines, with fittings, equipment, machinery, devices, appliances, and appurtenances of every kind with latest improvements, complete in all respects, and suitable for naval purposes: *Provided further*, That the money appropriated for this purpose shall not be paid to the builders of said boat until the same has been completed, passed satisfactory service tests, and been accepted by the Secretary of the Navy; but upon such completion, tests, and acceptance by the Secretary of the Navy the sum appropriated shall be paid.

Three fuel ships, one at a cost not to exceed $1,500,000, to be begun as soon as practicable.

One repair ship.

One transport.

One hospital ship, at a cost not to exceed $2,350,000, to be begun as soon as practicable.

Two destroyer tenders.

One fleet submarine tender.

Two ammunition ships, one at a cost, exclusive of armor and armament, not to exceed $2,350,000, to be begun as soon as practicable.

Two gunboats, one at a cost, exclusive of armor and armament, not to exceed $860,000, to be begun as soon as practicable: *Provided*, That the sixty-six vessels directed herein to be begun as soon as practicable shall be contracted for or shall be begun in navy yards within six months from the date of the approval of this Act.

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The Secretary of the Navy shall build any of the vessels herein authorized in such navy yards as he may designate should it reasonably appear that the persons, firms, or corporations, or the agents thereof, bidding for the construction of any of said vessels have entered into any combination, agreement, or understanding the effect, object, or purpose of which is to deprive the Government of fair, open, and unrestricted competition in letting contracts for the construction of any of said vessels: *Provided*, That the Secretary of the Navy is hereby authorized to build any of the vessels herein authorized in such navy yards as he may designate.

CONSTRUCTION AND MACHINERY: On account of hulls and outfits of vessels and machinery of vessels heretofore and herein authorized, to be available until expended, $59,000,194.

INCREASE OF THE NAVY, TORPEDO BOATS: On account of submarine torpedo boats heretofore authorized, to be available until expended, $5,282,593.

INCREASE OF THE NAVY, ARMOR AND ARMAMENT: Toward the armor and armament for vessels heretofore and herein authorized, to be available until expended, $47,110,000.

INCREASE OF THE NAVY, AMMUNITION: Toward ammunition for the vessels herein authorized, to be available until expended, $19,485,500.

Total increase of the Navy heretofore and herein authorized, $139,345,287.

To provide for the speedy construction of the vessels herein authorized and for the additional cost incident thereto, including the employment of more than one shift of labor per day, overtime work, and the speedy delivery of material, the Secretary of the Navy in his discretion is hereby authorized to increase the total cost of each of said vessels, including armor and armament, not to exceed twenty per centum thereof if any of said vessels be constructed in Government navy yards; and if any of said vessels or the armor or armament for same be constructed by private contract, the Secretary of the Navy in his discretion is hereby authorized to prescribe in the contracts for same provisions for the payment of premiums over and above the contract price, not to exceed twenty per centum thereof, for the most expeditious delivery of same, and further provisions for penalties for delays and failure to complete within the contract time: *Provided*, That if, in the judgment of the Secretary of the Navy, the most rapid and economical construction of the battle cruisers authorized herein can be obtained thereby, he may contract for the construction of any or all of them upon the basis of actual cost, plus a reasonable profit to be determined by him. That each and every employee of the navy yards, gun factories, naval stations, and arsenals of the United States Government is hereby granted thirty days' leave of absence each year, without forfeiture of pay during such leave: *Provided further*, That it shall be lawful to allow pro rata leave only to those serving twelve consecutive months or more: *And provided further*, That in all cases the heads of divisions shall have discretion as to the time when the leave can best be allowed: *And provided further*, That not more than thirty days' leave with pay shall be allowed any such employee in one year: *Provided further*, That this provision shall not be construed to deprive employees of any sick leave or legal holidays to which they may now be entitled under existing law.

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The Secretary of the Navy is authorized to improve and equip the navy yards at Puget Sound, Philadelphia, Norfolk, New York, Boston, Portsmouth, Charleston, and New Orleans for the construction of such ships herein or as may be hereafter authorized as may be assigned to such yards for construction, and the sum of $6,000,000, or so much thereof as may be necessary, is hereby appropriated for this purpose: *Provided*, That the Secretary of the Navy is authorized to equip the navy yards at Norfolk, Philadelphia, Boston, and Puget Sound for the construction of capital ships.

The Secretary of War and the Secretary of the Navy are authorized and directed to report to Congress at the earliest practicable date:

First. Specific plans for improvement of the harbors and canals and connecting channels which, in their judgment, will best provide adequate facilities for operations of the fleet for defense of the harbors on the Atlantic, Gulf, and Pacific coasts of the United States.

Second. The feasible extensions requisite to make existing approved projects for improvement of the aforementioned harbors, canals, and channels available for the purposes stated in the foregoing paragraph.

Third. The cost of each such several improvements calculated upon the basis of completion thereof under contract within five years.

It is hereby declared to be the policy of the United States to adjust and settle its international disputes through mediation or arbitration, to the end that war may be honorably avoided. It looks with apprehension and disfavor upon a general increase of armament throughout the world, but it realizes that no single nation can disarm, and that without a common agreement upon the subject every considerable power must maintain a relative standing in military strength.

In view of the premises, the President is authorized and requested to invite, at an appropriate time, not later than the close of the war in Europe, all the great Governments of the world to send representatives to a conference which shall be charged with the duty of formulating a plan for a court of arbitration or other tribunal, to which disputed questions between nations shall be referred for adjudication and peaceful settlement, and to consider the question of disarmament and submit their recommendation to their repective Governments for approval. The President is hereby authorized to appoint nine citizens of the United States, who, in his judgment, shall be qualified for the mission by eminence in the law and by devotion to the cause of peace, to be representatives of the United States in such a conference. The President shall fix the compensation of said representatives, and such secretaries and other employees as may be needed. Two hundred thousand dollars, or so much thereof as may be necessary, is hereby appropriated and set aside and placed at the disposal of the President to carry into effect the provisions of this paragraph.

If at any time before the construction authorized by this Act shall have been contracted for there shall have been established, with the cooperation of the United States of America, an international tribunal or tribunals competent to secure peaceful determinations of all international disputes, and which shall render unnecessary the maintenance of competitive armaments, then and in that case such naval expenditures as may be inconsistent with the engagements made in the establishment of such tribunal or tribunals may be suspended, when so ordered by the President of the United States.

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Of each of the sums appropriated by this Act, except such amounts as may be required to meet obligations authorized in previous Acts and for which contracts have been made, no part shall be used to procure through purchase or contract any vessels, armament, articles, or materials, which the navy yards, gun factories, or other industrial plants operated by the Navy Department are equipped to supply, unless such Government plants are operated approximately at their full capacity for not less than one regular shift each working day, except when contract costs are less than costs in said Government plants, and except when said Government plants are unable to complete the work within the time required, and except in cases of emergency: *Provided*, That no part of the appropriations made in this Act shall be available for the salary or pay of any officer, manager, superintendent, foreman, or other person having charge of the work of any employee of the United States Government while making or causing to be made with a stop watch or other time-measuring device a time study of any job of any such employee between the starting and completion thereof, or of the movements of any such employee while engaged upon such work; nor shall any part of the appropriations made in this Act be available to pay any premium or bonus or cash reward to any employee in addition to his regular wages, except for suggestions resulting in improvements or economy in the operation of any Government plant.

That no part of any sum herein appropriated shall be expended for the purchase of structural steel, ship plates, armor, armament, or machinery from any persons, firms, or corporations who are parties to any existing combination or conspiracy to monopolize the interstate or foreign commerce or trade of the United States, or the commerce or trade between the States and any Territory or the District of Columbia, in any of the articles aforesaid, and no purchase of structural steel, ship plates, or machinery shall be made at a price in excess of a reasonable profit above the actual cost of manufacture. But this limitation shall in no case apply to any existing contract.

The Secretary of the Navy is hereby directed to submit to the Congress during its next regular session a report on the largest battleship which can be undertaken in the United States in the present state of the shipbuilding and engineering sciences and arts, giving due consideration to the present and prospective depths and other limiting dimensions of the docks and harbors of the United States and its possessions and of the locks of the Panama Canal, and he shall further report the principal characteristics of such a vessel, giving the displacement, cost, number and size of guns, thickness of armor, speed and cruising radius, and he shall further report on the desirability of building one or more such vessels.

That no part of any sum herein appropriated under "Increase of the Navy" shall be used for the payment of any clerical, drafting, inspection, or messenger service, or for the pay of any of the other classified force under the various bureaus of the Navy Department, Washington, District of Columbia.

That no part of any sum appropriated by this Act shall be used for any expense of the Navy Department at Washington, District of Columbia, unless specific authority is given by law for such expenditure.

Approved, August 29, 1916.

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[PUBLIC—No. 391.]

[H. R. 20632.]

An Act Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and eighteen, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending June thirtieth, nineteen hundred and eighteen, and for other purposes:

PAY, MISCELLANEOUS.

The Secretary of the Navy shall send to Congress at the beginning of its next regular session a complete schedule or list showing the amount of money of all pay and for all allowances for each grade of officers in the Navy, including retired officers, and for all officers included in this Act and for all enlisted men so included.

For commissions and interests; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of civilian employees, and for actual and necessary traveling expenses of midshipmen while proceeding from their homes to the Naval Academy for examination and appointment as midshipmen; for actual traveling expenses of female nurses; actual expenses of officers while on shore patrol duty; mileage to officers of the Naval Reserve Force traveling under orders of the Secretary of the Navy; hire of launches or other small boats in Asiatic waters; for rent of buildings and offices not in navy yards, including the rental of offices in the District of Columbia; expenses of courts-martial, prisoners and prisons, and courts of inquiry, boards of inspection, examining boards, with clerks' and witnesses' fees, and traveling expenses and costs; expenses of naval defense districts; stationery and recording; religious books; newspapers and periodicals for the naval service; all advertising for the Navy Department and its bureaus (except advertising for recruits for the Bureau of Navigation); copying; ferriage; tolls; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; recovery of valuables from shipwrecks; quarantine expenses; reports; professional investigation; cost of special instruction at home and abroad, including maintenance of students and attachés; information from abroad and at home, not exceeding $100,000, and the collection and classification thereof; all charges pertaining to the Navy Department and its bureaus for ice for the cooling of drinking water on shore (except at naval hospitals), telephone rentals and tolls, telegrams, cablegrams, and postage, foreign and domestic, and post-office box rentals; and other necessary and incidental expenses: *Provided*, That the sum to be paid out of the appropriation, under the direction of the Secretary of the Navy, for clerical, inspection, and messenger

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service in navy yards, naval stations, for the fiscal year ending June thirtieth, nineteen hundred and eighteen, shall not exceed $215,000, and for necessary expenses for the interned persons and prisoners of war under the jurisdiction of the Navy Department, including funeral expenses for such interned persons or prisoners of war as may die while under such jurisdiction; in all, $1,134,000: *Provided*, That the Secretary of the Navy is authorized to lease for a period not to exceed three years storage facilities in the vicinity of the navy yard, Norfolk, at an annual rental of not exceeding $14,000, to be paid out of the appropriation "Pay, miscellaneous."

CONTINGENT, NAVY: For all emergencies and extraordinary expenses, exclusive of personal services in the Navy Department, or any of its subordinate bureaus or offices at Washington, District of Columbia, arising at home or abroad, but impossible to be anticipated or classified, to be expended on the approval and authority of the Secretary of the Navy, and for such purposes as he may deem proper, $46,000.

For actual expenses incurred by and in connection with the civilian Naval Consulting Board, $25,000.

INVESTIGATION OF FUEL OIL: For an investigation of fuel oil and gasoline adapted to naval requirements, including the question of supply and storage and the availability economically and otherwise of such supply as may be afforded by the naval reserves on the public domain, and for such other expenses for transportation and hire of vehicles in connection with naval petroleum reserves as the Secretary of the Navy may deem appropriate; for the purchase of necessary instruments and appliances; for the extension of the naval fuel-oil testing plant at the navy yard, Philadelphia, Pennsylvania, and the temporary employment of civilian experts and assistants, $60,000.

AVIATION: For aviation, to be expended under the direction of the Secretary of the Navy for procuring, producing, constructing, operating, preserving, storing, and handling aircraft, including rigid dirigibles, and appurtenances, maintenance of air craft stations and experimental work in development of aviation for naval purposes, $5,133,000: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for drafting, clerical, inspection, and messenger service for aircraft stations shall not exceed $75,000.

To enable the Secretary of War and the Secretary of the Navy to secure by purchase, condemnation, donation, or otherwise, such basic patent or patents as they may consider necessary to the manufacture and development of aircraft in the United States and its dependencies, for governmental and civil purposes, under such regulations as the Secretary of War and the Secretary of the Navy may prescribe, $1,000,000.

Provided, That such arrangements may be made in relation to the purchase of any basic patent connected with the manufacture and development of aircraft in the United States as in the judgment of the Secretary of War and the Secretary of the Navy will be of the greatest advantage to the Government and to the development of the industry.

Provided further, That in the event there shall be pending in court litigation involving the validity of said patent or patents, bond, with good and approved security in an amount sufficient to indemnify the

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United States, shall be required, payable to the United States, conditioned to repay to the United States the amount paid for said patent or patents in the event said patent or patents are finally adjudged invalid.

NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS: For scientific research, technical investigations, and special reports in the field of aeronautics, including the necessary laboratory and technical assistants; traveling expenses of members and employees; rent (office in the District of Columbia not to exceed $1,500); office supplies, printing, and other miscellaneous expenses; clerks; draftsmen; personal services in the field and in the District of Columbia: *Provided*, That the sum to be paid out of this appropriation for clerical, drafting, watchmen, and messenger service for the fiscal year ending June thirtieth, nineteen hundred and eighteen, shall not exceed $12,000; in all, $107,000.

The balances under the several items of the appropriation "National Advisory Committee for Aeronautics," carried in the Act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and seventeen, approved August twenty-ninth, nineteen hundred and sixteen, are hereby consolidated into a single fund and may be expended by the committee for its purposes as stated in the paragraph of Public Act Numbered Two hundred and seventy-one, Sixty-third Congress, approved March third, nineteen hundred and fifteen, establishing the committee.

STATE MARINE SCHOOLS: To reimburse the State of New York, $25,000, and the State of Massachusetts, $25,000, for expenses incurred in the maintenance and support of marine schools in those States in accordance with section two of the Act entitled "An Act for the establishment of marine schools, and for other purposes," approved March fourth, nineteen hundred and eleven; in all, $50,000.

CARE OF LEPERS, ISLANDS OF GUAM AND CULION: Naval station, island of Guam: Maintenance and care of lepers, special patients, and for other purposes, including cost of transfer of lepers from Guam to the island of Culion, in the Philippines, and their maintenance, $20,000.

BUREAU OF NAVIGATION.

Transportation: For travel allowance of enlisted men discharged on account of expiration of enlistment; transportation of enlisted men and apprentice seamen and applicants for enlistment at home and abroad, with subsistence and transfers en route, or cash in lieu thereof; transportation to their homes, if residents of the United States, of enlisted men and apprentice seamen discharged on medical survey, with subsistence and transfers en route, or cash in lieu thereof; transportation of sick or insane enlisted men and apprentice seamen to hospitals, with subsistence and transfers en route, or cash in lieu thereof; transportation of enrolled men of the Naval Reserve Force to and from duty, with subsistence and transfers en route, or cash in lieu thereof; apprehension and delivery of deserters and stragglers, and for railway guides and other expenses incident to transportation, $1,060,524.

Recruiting: Expenses of recruiting for the naval service; rent of rendezvous and expenses of maintaining the same; purchase, rental, maintenance, operation, exchange, and repair of motor-propelled

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passenger-carrying vehicles for official use; advertising for and obtaining men and apprentice seamen; actual and necessary expenses in lieu of mileage to officers on duty with traveling recruiting parties, $419,228.84.

So much of the Act entitled "An Act making appropriations for the Naval Service for the fiscal year ending June thirtieth, nineteen hundred and seventeen," and approved August twenty-ninth, nineteen hundred and sixteen, which reads as follows, is hereby repealed:

"*Provided*, That any person who may hereafter enlist in the Navy for the first time shall, in time of peace, if he so elects, receive discharge therefrom without cost to himself during the month of June or December, respectively, following the completion of one year's service at sea. An honorable discharge may be granted under this provision; but when so granted shall not entitle the holder, in case of reenlistment, to the benefits of an honorable discharge granted upon completion of an enlistment: *And provided further*, That, at the time, he is not under charges, or undergoing punishment, or in debt to the Government."

Provided, That the provisions of this section shall not apply to enlistments under the operation of the Act hereby repealed.

The Act entitled "An Act authorizing certain officers of the Navy and Marine Corps to administer oaths," approved January twenty-fifth, eighteen hundred and ninety-five, as amended by the Act of March third, nineteen hundred and one, be, and the same is hereby, further amended so as to read as follows:

That judges advocate of naval general courts-martial and courts of inquiry, and all commanders in chief of naval squadrons, commandants of navy yards and stations, officers commanding vessels of the Navy, and recruiting officers of the Navy, and the adjutant and inspector, assistants adjutant and inspector, commanding officers, recruiting officers of the Marine Corps, and such other officers of the Regular Navy and Marine Corps, of the Naval Reserve Force, of the Marine Corps Reserve, and of the National Naval Volunteers as may be hereafter designated by the Secretary of the Navy, be, and they are hereby, authorized to administer oaths for the purposes of the administration of naval justice and for other purposes of naval administration.

That hereafter the Secretary of the Navy may authorize the senior officer present, or other commanding officer, on a foreign station to order boards of medical examiners, examining boards, and retiring boards for the examination of such candidates for appointment, promotion, and retirement in the Navy and Marine Corps as may be serving in such officer's command and may be directed to appear before any such board.

Contingent: Ferriage, continuous-service certificates, discharges, good-conduct badges, and medals for men and boys; purchase of gymnastic apparatus; transportation of effects of deceased officers and enlisted men of the Navy, and of officers and enrolled men of the Naval Reserve Force who die while on duty; books for training apprentice seamen and landsmen; maintenance of gunnery and other training classes, packing boxes and materials; books and models; stationery; and other contingent expenses and emergencies arising under cognizance of the Bureau of Navigation, unforseen and impossible to classify, $10,000.

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GUNNERY AND ENGINEERING EXERCISES: Prizes, trophies, and badges for excellence in gunnery, target practice, engineering exercises and for economy in coal consumption, to be awarded under such rules as the Secretary of the Navy may formulate; for the purposes of printing, recording, classifying, compiling, and publishing the rules and results; for the establishment and maintenance of shooting galleries, target houses, targets and ranges; for hiring established ranges, and for transporting the civilian assistants and equipment to and from ranges, $205,000.

OUTFITS ON FIRST ENLISTMENT: Outfits for all enlisted men and apprentice seamen of the Navy on first enlistment, at not to exceed $60 each; for the clothing gratuity of officers and men of the Naval Reserve Force, $50 each for officers and $30 each for men; in all, $2,385,920.

MAINTENANCE OF NAVAL AUXILIARIES: Pay, transportation, shipping and subsistence of civilian officers and crews of naval auxiliaries, and all expenses connected with naval auxiliaries employed in emergencies which can not be paid from other appropriations, $1,144,390.

Instruments and supplies: Supplies for seamen's quarters; and for the purchase of all other articles of equipage at home and abroad; and for the payment of labor in equipping vessels therewith and manufacture of such articles in the several navy yards; all pilotage and towage of ships of war; canal tolls, wharfage, dock and port charges, and other necessary incidental expenses of a similar nature; services and materials in repairing, correcting, adjusting, and testing compasses on shore and on board ship; nautical and astronomical instruments and repairs to same; libraries for ships of war, professional books, schoolbooks, and papers; compasses, compass fittings, including binnacles, tripods, and other appendages of ship's compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; photographs, photographic instruments and materials, printing outfit and materials, $450,000.

OCEAN AND LAKE SURVEYS: Hydrographic surveys, including the pay of the necessary hydrographic surveyors, cartographic draftsmen and recorders, and for the purchase and printing of nautical books, charts, and sailing directions, $105,000: *Provided*, That the Secretary of the Navy is authorized to detail such naval officers not exceeding four as may be necessary to the Hydrographic Office.

ARMING AND EQUIPPING NAVAL MILITIA: For the pay, subsistence, and transportation of such portion of the Naval Militia and National Naval Volunteers as shall engage in actual service or instruction afloat or on shore, and for pay, transportation, and subsistence of any part of the Naval Militia as shall participate in any cruise, maneuvers, field or other instruction, or encampment of any part of the Regular Navy afloat, on shore, or in the Office of Naval Militia Affairs; for prizes, trophies, and badges for excellence in gunnery exercises and target practice of the Naval Militia; for the purpose of providing for issue to the Naval Militia any stores and supplies or publications which are supplied to the Navy by any department; for the actual and necessary traveling expenses, together with a per diem not to exceed $10 to be established by the Secretary of the Navy, of the Naval Militia Board appointed by the Secretary of the Navy; and for the necessary clerical and office expenses of the Office of Naval Militia Affairs in the Bureau of Navigation, and for re-

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tainer pay of officers and enlisted men, and traveling and other necessary expenses of the Naval Militia and National Naval Volunteers, $1,527,617.70.

For the completion of the alteration, installation of machinery, and repair of the United States ship Topeka, $85,500.

That so much of the Act entitled "An Act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and seventeen, and for other purposes," approved August twenty-ninth, nineteen hundred and sixteen, which reads as follows:

"The Secretary of the Navy is hereby authorized to sell at cost and issue lubricating oil and gasoline to vessels of the Volunteer Patrol Squadrons duly enrolled in the several naval districts; and that during maneuvers or practice drills, when any of the vessels of said Patrol Boat Squadrons shall be acting singly or as squadrons under the direct command or control of an officer or officers of the United States Navy, gasoline fuel shall be supplied to them free of charge," be, and the same is hereby, amended as follows:

The word "gasoline" where it first occurs be, and it is hereby, stricken out and the word "fuel" substituted therefor; that the word "gasoline" where it occurs the second time in said paragraph be, and it is hereby, stricken out.

NAVAL TRAINING STATION, CALIFORNIA: Maintenance of naval training station, Yerba Buena Island, California: Labor and material; buildings and wharves; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same, including the maintenance, repair, and operation of one horse-drawn passenger-carrying vehicle to be used only for official purposes; fire engines and extinguishers; gymnastic implements, models and other articles needed in instruction of apprentice seamen; printing outfit and materials, and maintenance of same; heating and lighting; stationery, books, schoolbooks, and periodicals; fresh water, and washing; packing boxes and materials; and all other contingent expenses; maintenance of dispensary building; lectures and suitable entertainments for apprentice seamen; in all, $92,000.

NAVAL TRAINING STATION, RHODE ISLAND: Maintenance of naval training station, Coasters Harbor Island, Rhode Island: Labor and material; buildings and wharves; dredging channels; extending sea walls; repairs to causeway and sea wall; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same, including the maintenance, repair, and operation of two horse-drawn passenger-carrying vehicles to be used only for official purposes; fire engines and extinguishers; gymnastic implements; models and other articles needed in instruction of apprentice seamen; printing outfit and materials, and maintenance of same; heating and lighting; stationery, books, schoolbooks, and periodicals; fresh water, and washing; packing boxes and materials; and all other contingent expenses; lectures and suitable entertainments for apprentice seamen; in all $100,000: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the

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Navy for clerical, drafting, inspection, and messenger service for the fiscal year ending June thirtieth, nineteen hundred and eighteen, shall not exceed $5,701.60.

NAVAL TRAINING STATION, GREAT LAKES: Maintenance of naval training station: Labor and material; general care, repairs, and improvements of grounds, buildings, and piers; street car fare; purchase and maintenance of live stock, and attendance on same; motor-propelled vehicles, wagons, carts, implements, and tools, and repairs to same, including the maintenance, repair, and operation of one motor-propelled passenger-carrying vehicle, and one horse-drawn passenger-carrying vehicle to be used only for official purposes; fire apparatus and extinguishers; gymnastic implements; models and other articles needed in instruction of apprentice seamen; printing outfit and material, and maintenance of same; heating and lighting, and repairs to power-plant equipment, distributing mains, tunnel, and conduits; stationery, books, schoolbooks, and periodicals; washing; packing boxes and materials; lectures and suitable entertainments for apprentice seamen; and all other contingent expenses: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, drafting, inspection, and messenger service for the fiscal year ending June thirtieth, nineteen hundred and eighteen, shall not exceed $1,500; in all, naval training station, Great Lakes, $96,400.

NAVAL TRAINING STATION, SAINT HELENA: Maintenance of naval training station; labor and material, general care, repairs, and improvements; schoolbooks; and all other incidental expenses, $30,000.

NAVAL RESERVE FORCE: For expenses of organizing, administering, and recruiting the Naval Reserve Force, including clerical and messenger hire, office rent, furniture, stationery, and postage; printing, advertising, and other necessary expenses, $130,000.

Any former member of class one of the United States Naval Reserve, established by the Act of March third, nineteen hundred and fifteen, "An Act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and sixteen, and for other purposes," who shall have reenlisted in the Navy prior to May first, nineteen hundred and seventeen, shall be held and considered to have reenlisted within four months from the date of discharge from the Navy for the purpose of continuous-service pay. And any such member of the said Naval Reserve who was serving therein on August twenty-ninth, nineteen hundred and sixteen, shall upon his application therefor, any time prior to July first, nineteen hundred and seventeen, be enrolled in the Naval Reserve Force, and any such person so enrolled shall, for all purposes, be considered as having served continuously in such Naval Reserve Force since August twenty-ninth, nineteen hundred and sixteen, with due credit for previous and continuous service in the Naval Reserve in the same manner and to the same effect as for equal length of service in the Naval Reserve Force: *Provided*, That no such enrolled person shall receive any back pay or allowances for any period during which he shall have received pay or allowances, or either, for service in any other branch of the naval service, regular or reserve.

SCHOOLS OR CAMPS OF INSTRUCTION, NAVAL RESERVE FORCE: For equipment and maintenance of schools and camps established for the

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purpose of instructing members of and applicants for membership in the Naval Reserve Force, $30,000.

NAVAL WAR COLLEGE, RHODE ISLAND: For maintenance of the Naval War College on Coasters Harbor Island, including the maintenance, repair, and operation of one horse-drawn passenger-carrying vehicle to be used only for official purposes; and care of grounds for same, $35,250; services of a lecturer on international law, $2,000; services of civilian lecturers, rendered at the War College, $300; care and preservation of the library, including the purchase, binding, and repair of books of reference and periodicals, $1,300: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, inspection, drafting, and messenger service for the fiscal year ending June thirtieth, nineteen hundred and eighteen, shall not exceed $22,500; in all, Naval War College, Rhode Island, $38,850.

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA, PAY OF EMPLOYEES: One Secretary, $1,800; one foreman mechanic, $1,800; one superintendent of grounds, at $900; one steward, at $900; one store laborer, at $540; one matron and office assistant, at $600; one beneficiaries' attendant, at $360; one chief cook, at $540; one assistant cook, at $420; one assistant cook, at $360; one chief laundress, at $300; five laundresses, at $240 each; one chief scrubber, at $300; three scrubbers, at $240 each; one head waitress, at $360; eight waitresses, at $240 each; one kitchen attendant, at $420; nine laborers, at $420 each; one stable keeper and driver, at $540; one master at arms, at $720; two house corporals, at $480 each; one barber, at $480; one carpenter, at $960; one painter, at $960; one painter, at $840; one engineer, $960; four laborers, at $600 each; two laborers, at $660 each; one laborer, at $420; total for employees, $27,840.

MAINTENANCE: Water rent, heating, and lighting; cemetery, burial expenses and headstones; general care and improvements of grounds, buildings, walls, and fences; repairs to power-plant equipment, implements, tools, and furniture, and purchase of the same; music in chapel and entertainments for beneficiaries; stationery, books, and periodicals; transportation of indigent and destitute beneficiaries to the Naval Home, and of sick and insane beneficiaries, their attendants and necessary subsistence for both, to and from other Government hospitals; employment of such beneficiaries in and about the Naval Home as may be authorized by the Secretary of the Navy, on the recommendation of the governor; support of beneficiaries, and all other contingent expenses, including the maintenance, repair, and operation of three horse-drawn passenger-carrying vehicles, to be used only for official purposes, $87,805; in all, for Naval Home, $115,645, which sum shall be paid out of the income from the naval pension fund: *Provided*, That all moneys derived from the sale of material at the Naval Home, which was originally purchased from moneys appropriated from the income from the naval pension fund, and all moneys derived from the rental of Naval Home property, shall hereafter be turned into the naval pension fund.

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships;

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for fuel, material, and labor to be used in the general work of the Ordnance Department; for furniture at naval magazines, torpedo stations, and proving grounds; for maintenance of the proving ground and powder factory and for target practice; for the maintenance, repair, or operation of horse-drawn passenger-carrying vehicles, and one motor-propelled passenger-carrying vehicle, to be used only for official purposes at naval magazines, the naval proving ground, Indianhead, Maryland, and naval torpedo stations, and for pay of chemists, clerical, drafting, inspection, and messenger service in navy yards, naval stations, and naval magazines: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for chemists, clerical, drafting, inspection, watchmen, and messenger service in navy yards, naval stations, and naval magazines for the fiscal year ending June thirtieth, nineteen hundred and eighteen, shall not exceed $750,000; in all, $8,488,333.

Purchase and manufacture of smokeless powder, $1,800,000: *Provided*, That no part of any money appropriated by this Act shall be expended for the purchase of powder other than small arms powder at a price in excess of 53 cents a pound: *Provided further*, That in expenditures of this appropriation, or any part thereof, for powder, no powder shall at any time be purchased unless the powder factory at Indianhead, Maryland, shall be operated on a basis of not less than its full maximum capacity.

FOR NAVAL GUN FACTORY, WASHINGTON, DISTRICT OF COLUMBIA: New and improved machinery for existing shops, $307,036; repairs and betterments to present facilities, $395,200; machinery and equipment for new gun shop, $1,798,500; in all, $2,500,736.

PROJECTILE PLANT: To complete the erection and equipment of a plant for the manufacture of projectiles, on a site to be selected by the President, including the employment of all necessary expert, drafting, and clerical assistance, $1,375,345, to be immediately available and to remain available until expended, and the limit of cost fixed in the Naval Appropriation Act, approved August twenty-ninth, nineteen hundred and sixteen, is hereby increased to $2,080,956.

NEW BATTERIES FOR SHIPS OF THE NAVY: For liners for eroded guns, to be available until June thirtieth, nineteen hundred and nineteen, $100,000; for one twelve-inch, forty-five-caliber gun, to be available until June thirtieth, nineteen hundred and nineteen, $60,000; for anti-aircraft guns and mounts complete, to be available until June thirtieth, nineteen hundred and nineteen, $629,000; for machine guns and equipment, $1,250,000; for one-pounder boat guns and mounts complete, to be available until June thirtieth, nineteen hundred and nineteen, $162,000; in all, $2,201,000.

BATTERIES FOR MERCHANT AUXILIARIES: For batteries for merchant auxiliaries (to cost not exceeding $6,381,174), to be immediately available and to continue available until June thirtieth, nineteen hundred and twenty, $4,731,174.

AMMUNITION FOR MERCHANT AUXILIARIES: For ammunition for merchant auxiliaries, to be immediately available and to continue available until June thirtieth, nineteen hundred and twenty, $7,731,941.

NAVAL STATIONS: To provide anti-aircraft guns and ammunition at naval stations, $3,800,000.

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AMMUNITION FOR SHIPS OF THE NAVY: For procuring, producing, preserving, and handling ammunition for issue to ships, $3,500,000, to be available until expended.

ARMAMENT AND AMMUNITION FOR COAST GUARD CUTTERS: Toward the armament and ammunition for two Coast Guard cutters, to be available until expended, $159,590.

TORPEDOES AND APPLIANCES: For the purchase and manufacture of torpedoes and appliances, to be available until June thirtieth, nineteen hundred and twenty, $1,049,280.

RESERVE ORDNANCE SUPPLIES: For a reserve of ordnance supplies to be available until June thirtieth, nineteen hundred and nineteen, $4,657,460.

TORPEDO STATION, NEWPORT, RHODE ISLAND: For labor and material; general care of and repairs to grounds, buildings, and wharves; boats, instruction, instruments, tools, experiments, and general torpedo outfits, $100,000.

For new and improved machinery and tools for torpedo factory, $100,000.

For the further development of the submarine base at New London, Connecticut, including the erection and equipment of repair shops, the provision of additional berthing space, and the erection of quarters and barracks for officers and men, $1,250,000.

EXPERIMENTS, BUREAU OF ORDNANCE: For experimental work in the development of armor-piercing and torpedo shell and other projectiles, fuses, powders, and high explosives, in connection with problems of the attack of armor with direct and inclined fire at various ranges, including the purchase of armor, powder, projectiles, and fuses for the above purposes and of all necessary material and labor in connection therewith; and for other experimental work under the cognizance of the Bureau of Ordnance in connection with the development of ordnance material for the Navy, $100,000.

CONTINGENT BUILDING FUND: For minor extensions and improvements of public works under the cognizance of the Bureau of Ordnance, $10,000.

REPAIRS, BUREAU OF ORDNANCE: For necessary repairs to ordnance buildings, magazines, wharves, machinery, and other items of like character, $30,000.

CONTINGENT, BUREAU OF ORDNANCE: For miscellaneous items, namely, cartage, expenses of light and water at magazines and stations, tolls, ferriage, technical books, and incidental expenses attending inspection of ordnance material, $9,500.

BUREAU OF YARDS AND DOCKS.

MAINTENANCE, BUREAU OF YARDS AND DOCKS: For general maintenance of yards and docks, namely: For books, maps, models, and drawings; purchase and repair of fire engines; fire apparatus and plants; machinery, operation or repair, purchase; maintenance of horses and driving teams; carts, timber wheels, and all vehicles, including motor-propelled and horse-drawn passenger-carrying vehicles to be used only for official purposes, and including motor-propelled vehicles for freight-carrying purposes only for use in the navy yards; tools and repair of the same; stationery; furniture for Government houses and offices in navy yards and naval stations; coal and

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other fuel; candles, oil, and gas; attendance on light and power plants; cleaning and clearing up yards and care of buildings; attendance on fires, lights, fire engines, and fire apparatus and plants; incidental labor at navy yards; water tax, tolls, and ferriage; pay of watchmen in navy yards; awnings and packing boxes; and for pay of employees on leave, $2,709,000: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, inspection, drafting, messenger, and other classified work in the navy yards and naval stations for the fiscal year ending June thirtieth, nineteen hundred and eighteen, shall not exceed $780,000.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses and minor extensions and improvements of public works at navy yards and stations, $75,000.

PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

NAVY YARD, PORTSMOUTH, NEW HAMPSHIRE: Crane-track extension, $11,000; distributing-system extensions, $18,000; power-plant improvements, $105,000; in all, $134,000.

NAVY YARD, BOSTON, MASSACHUSETTS: Sterilizing and disinfecting plant, $9,000; improved drainage and filling arrangements, Dry Dock Numbered Two, $17,500; locomotive and crane shed, $20,000; for improvement of the central power plant, $150,000; for extension of chain shop, $60,000; in all, $256,500.

NAVY YARD, NEW YORK, NEW YORK: Dredging, to continue, $125,000, to be immediately available; central power-plant improvements, $160,000; remodeling building numbered one hundred and thirty-two for pattern storage, $34,000; storage facilities, $500,000; machine-shop extension, $400,000; in all, $1,219,000.

NAVY YARD, PHILADELPHIA, PENNSYLVANIA: Dry dock, to continue, $1,000,000; central power-plant improvements, $120,000; fifty-ton locomotive crane, $100,000; in all, $1,220,000.

The limit of cost for the purchase of ground adjoining quartermaster's depot, Marine Corps, Philadelphia, Pennsylvania, and the erection of an addition to said depot thereon, is hereby increased not to exceed in all $375,000, and for that purpose $200,000 additional is hereby appropriated.

NAVY YARD, WASHINGTON, DISTRICT OF COLUMBIA: Gun shop, to complete, $900,000, and the limit of cost is hereby increased to $1,100,000; extending sight shop $40,000; improving lighting facilities, $16,000; improvements, central power plant and distributing systems, $772,000; in all, $1,728,000.

The Commissioners of the District of Columbia are hereby authorized and directed to execute such deed or deeds or other instruments as the Attorney General may deem necessary and appropriate to transfer to the Untied States, for use for naval purposes, title to lots thirteen and fourteen in square eight hundred and one, District of Columbia, at a price to be mutually agreed upon between the said commissioners and the Secretary of the Navy: *Provided*, That pending the transfer of title the Secretary of the Navy is hereby authorized to assume control and jurisdiction over said lots and to make use of them for naval purposes.

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NAVY YARD, NORFOLK, VIRGINIA: Dry dock, to continue, $1,000,000; one structural shop, to complete, $600,000; water-front improvements, $500,000; improvements central power plant and distributing systems, $300,000; in all, $2,400,000.

BUILDINGS AND GROUNDS, NAVAL ACADEMY: Extension of Bancroft Hall (to cost not to exceed $2,270,000) $1,000,000; improvements central power plant and distributing systems, $300,000; two freight elevators, Bancroft Hall, $15,000; in all, $1,315,000.

MARINE RECRUITING STATION, PORT ROYAL, SOUTH CAROLINA: Two bungalows for officers' quarters, $6,000; station improvements, $20,500; twelve sets of noncommissioned officers' quarters, including not to exceed $5,000 for the purchase of a strip of land along the south boundary of the station, $23,000; in all, $49,500.

NAVY YARD, CHARLESTON, SOUTH CAROLINA: Dredging to continue, $15,000; new superstructure for Pier Numbered Three hundred and fourteen, $50,000; improvements central power plant and distributing systems, $130,000; addition to dispensary, $12,000; storage facilities, $50,000; in all, $257,000.

NAVY AERONAUTIC STATION, PENSACOLA, FLORIDA: Improvements, central power plant, $50,000; water system, $40,000; repair and resurfacing roads, $10,000; quarters for enlisted men, $20,000; two magazines and one building for the storage of torpedoes, $125,000; in all, $245,000.

NAVAL STATION, NEW ORLEANS, LOUISIANA: Extension of wharf, $30,000; floating crane, $30,000; in all, $60,000.

NAVY YARD, MARE ISLAND, CALIFORNIA: Floating crane, revolving type, to complete, $450,000, and the limit of cost is hereby increased to $750,000; maintenance of dikes and dredging, $50,000; improvements central power plant and distributing system, $105,000; in all, $605,000.

NAVY YARD, PUGET SOUND, WASHINGTON: Improvements, central power plant and distributing systems, $150,000; purchase of land and fitting up trial course (Vashon Island), $5,000; improved drainage in dry docks, $12,000; storage facilities, $500,000; in all, $667,000.

NAVAL STATION, PEARL HARBOR, HAWAII: Dry dock, to complete, $936,500; storehouse, $100,000; in all, $1,036,500.

NAVAL STATION, TUTUILA, SAMOA: Additional water supply, $30,000; enlisted men's quarters, $10,000; in all, $40,000.

NAVAL STATION, GUAM: Roads, $10,000; storage facilities, $5,000; purchase of land, $15,000; water supply and power plant improvements, $30,000; in all, $60,000.

NAVAL STATION, GUANTANAMO, CUBA: Dredging and fill (to cost not exceeding $25,000), $9,000; water supply, $25,000; in all, $34,000.

NAVAL MAGAZINE, HINGHAM, MASSACHUSETTS: Storehouse, $35,000; two magazines, $70,000; in all, $105,000.

NAVAL PROVING GROUND, INDIANHEAD, MARYLAND: Improvements to powder factory, $150,000.

NAVAL MAGAZINE, FORT MIFFLIN, PENNSYLVANIA: One magazine building, $35,000; shell house, $35,000; railroad track extension, $11,400; concrete fence, $46,800; one set of quarters for chief gunner, or gunner, $7,000; fire-protection system, extension, $7,500; in all, $142,700.

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NAVAL MAGAZINE, IONA ISLAND, NEW YORK: One mine and projectile house, $38,000; water front improvements, $12,000; in all, $50,000.

NAVAL MAGAZINE, LAKE DENMARK, NEW JERSEY: Two shell houses, $70,000; one magazine, $30,000; in all, $100,000.

NAVAL TORPEDO STATION, KEYPORT, WASHINGTON: Freight wharf, $8,000; one set of quarters for commissioned officers, $8,000; in all, $16,000.

NAVAL MAGAZINE, MARE ISLAND, CALIFORNIA: One explosive D loading House and equipment, $8,000; building for mine storage, $8,000; in all, $16,000.

NAVAL TORPEDO STATION, NEWPORT, RHODE ISLAND: Primer filling house, $30,000; extension of fire protection system, $8,000; building for mine storage, Rose Island, $9,000; in all, $47,000.

NAVAL MAGAZINE, SAINT JULIENS CREEK, VIRGINIA: Extension of small arms ammunition building, $8,000; one mine storage building, including track extension, $9,000; one magazine, $30,000; two shell houses, $70,000; in all, $117,000.

NAVAL MAGAZINE, CHARLESTON, SOUTH CAROLINA: Two buildings for ammunition storage, $70,000; one building, with necessary equipment, for the storage of torpedoes, $50,000; in all, $120,000.

NAVAL MAGAZINE, PUGET SOUND, WASHINGTON: Shop for loading shells, $7,000; extension of water system, $30,000; one fuse and detonator house, $3,600; one mine storage building, $9,000; in all, $49,600.

DEPOTS FOR COAL AND OTHER FUEL: For fuel storage at Guantanamo Bay, Cuba, $140,000; Pearl Harbor, Hawaii, $200,000; Puget Sound, $300,000; San Diego, California, $150,000; Melville, Rhode Island, $140,000; contingent, $60,000; and the custody and care of naval petroleum reserves, $10,000; in all, $1,000,000.

NAVAL TRAINING STATION, SAN FRANCISCO: Three contagious wards, $25,000.

NAVAL HOSPITAL, PORTSMOUTH, NEW HAMPSHIRE: Three contagious wards, $20,000.

NAVAL HOSPITAL, GREAT LAKES, ILLINOIS: Three contagious wards, $20,000.

MARINE GUARD, AMERICAN LEGATION, PEKING, CHINA: Barracks Building, $50,000; laundry, including machinery, $12,000; in all, $62,000.

MARINE BARRACKS, PHILADELPHIA, PENNSYLVANIA: Advance base storage, $80,000; additional barracks, $200,000; in all, $280,000.

MARINE CORPS RIFLE RANGE, WINTHROP, MARYLAND: Range improvements, $10,000.

MARINE BARRACKS, NORFOLK, VIRGINIA: Station improvements, $12,700, to be immediately available; housing for artillery, $4,000; housing for trucks for artillery, $2,500; stable, $3,000; shops and storeroom, $3,500; in all, $25,700.

NAVAL TRAINING STATION, NEWPORT, RHODE ISLAND: Improvements to power plant, $33,000.

MARINE BARRACKS, MARE ISLAND, CALIFORNIA: Remodeling old barracks, $35,000; extension of roads and walks, $20,000; in all, $55,000.

MARINE BARRACKS, SAN DIEGO, CALIFORNIA: Toward the establishment of a Marine Corps base, $600,000.

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EXPERIMENTAL AND RESEARCH LABORATORY: To complete experimental and research laboratory, $500,000: *Provided*, That nothing in this or any other Act shall be construed as preventing or interfering with the continuation or undertaking of necessary experimental work during the fiscal year ending June thirtieth, nineteen hundred and eighteen, as heretofore conducted under other appropriations for the Naval Establishment.

REIMBURSEMENT FOR PROPERTY DAMAGED, INDIANHEAD, MARYLAND: To reimburse the owner of the property damaged by the firing of a sixteen-inch shell at the naval proving ground, Indianhead, Maryland, $755.01.

LIGHTING FACILITIES, NAVY YARDS AND STATIONS: Improvements, lighting facilities to facilitate night work, at navy yards and naval stations, $200,000.

REPAIRS AND PRESERVATION AT NAVY YARDS AND STATIONS: For repairs and preservation at navy yards, fuel depots, fuel plants, and stations, $1,705,000.

Total public works, $16,976,255.01, and the amounts herein appropriated therefor, except for repairs and preservation at navy yards and stations, shall be available until expended.

The Secretary of the Navy is hereby authorized to enter into contract for the use by the United States Government of a dry dock at Boston, Massachusetts, which shall be capable of docking the largest vessel that can be passed through the locks of the Panama Canal, for a period of not to exceed six years from completion of such dock, at a compensation of $50,000 per annum during said period of six years, the right of the United States Government to the use of said dock in time of war to be prior and paramount: *Provided*, That the construction of said dock shall be undertaken immediately upon entering into this contract and shall be completed within thirty months thereafter: *And provided further*, That said contract shall provide for docking rates not in excess of commercial rates and for such other conditions as may be prescribed by the Secretary of the Navy prior to entering into said contract: *And provided further*, That in the event, during the said contract period of six years, the necessities of the fleet require the docking of vessels which will necessitate a charge greater than $50,000 per annum, the Secretary of the Navy is authorized to have vessels docked therein at a rate of charge not greater than the price stipulated in said contract.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy yards, naval stations, Marine Corps, and for the civil establishment at the several naval hospitals, navy yards, naval medical supply depots, Naval Medical School, Washington, and Naval Academy, and toward the accumulation of a reserve supply of medical stores, $1,121,740.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For tolls and ferriages; care, transportation, and burial of the dead; purchase of books and stationery, binding of medical records, unbound books, and pamphlets; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of nonpassenger-carrying wagons, automobile ambulances, and harness; pur-

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chase of and feed for horses and cows; maintenance, repair, and operation of two passenger-carrying motor vehicles for naval dispensary, Washington, District of Columbia; purchase of one motor-propelled vehicle for official use only for the medical officer on outpatient medical service at the Naval Academy, and of a motor omnibus for the transportation of convalescent patients and attendants at the Naval Hospital at Las Animas, Colorado, to be used only for official purposes; trees, plants, care of grounds, garden tools, and seeds; incidental articles for the Naval Medical School and naval dispensary, Washington, naval medical supply depots, sick quarters at Naval Academy and marine barracks; washing for medical department at Naval Medical School and naval dispensary, Washington, naval medical supply depots, sick quarters at Naval Academy and marine barracks, dispensaries at navy yards and naval stations, and ships; and for minor repairs on buildings and grounds of the United States Naval Medical School and naval medical supply depots; rent of rooms for naval dispensary, Washington, District of Columbia, not to exceed $1,200; for the care, maintenance, and treatment of the insane of the Navy and Marine Corps on the Pacific coast, including supernumeraries held for transfer to the Government Hospital for the Insane; for dental outfits and dental material, not to exceed $38,000, and all other necessary contingent expenses; in all, $291,080.

TRANSPORTATION OF REMAINS: To enable the Secretary of the Navy, in his discretion, to cause to be transferred to their homes the remains of officers and enlisted men of the Navy and Marine Corps, of members of the Nurse Corps, and of officers and enlisted men of the Naval Militia and National Naval Volunteers and the Naval Reserve Force when on active service with the Navy, who die or are killed in action ashore or afloat, and also to enable the Secretary of the Navy, in his discretion, to cause to be transported to their homes the remains of civilian employees who die outside of the continental limits of the United States, $32,658: *Provided*, That the sum herein appropriated shall be available for payment for transportation of the remains of officers and men who have died while on duty at any time since April twenty-first, eighteen hundred and ninety-eight, and shall be available until June thirtieth, nineteen hundred and nineteen.

BUREAU OF SUPPLIES AND ACCOUNTS.

PAY OF THE NAVY: Pay and allowances prescribed by law of officers on sea duty and other duty, and officers on waiting orders, $15,333,156.42; officers on the retired list, $2,940,368.72; commutation of quarters for officers on shore not occupying public quarters, including boatswains, gunners, carpenters, sailmakers, machinists, pharmacists, pay clerks, and mates, naval constructors, and assistant naval constructors, $675,679; and also members of Nurse Corps (female), $1,000; for hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them, or commutation of quarters not to exceed the amount which an officer would receive were he not serving with troops, and hire of quarters for officers and enlisted men on sea duty at such times as they may be deprived of their quarters on board ship due to repairs or other conditions which may render them

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uninhabitable, $4,000; pay of enlisted men on the retired list, $492,657.34; extra pay to men reenlisting under honorable discharge, $1,400,000; interest on deposits by men, $12,000; pay of petty officers, seamen, landsmen, and apprentice seamen, including men in the engineers' force and men detailed for duty with the Fish Commission, sixty-eight thousand seven hundred men; and pay of enlisted men of the Hospital Corps, and for the pay of enlisted men detailed for duty with the Naval Militia, $26,835,914.67; pay of enlisted men undergoing sentence of court-martial, $225,000, and as many machinists as the President may from time to time deem necessary to appoint; and hereafter the pay of warrant officers while on shore duty during the fourth three years' service shall be $1,750 per annum; and six thousand apprentice seamen under training at training stations, and on board training ships, at the pay prescribed by law, $950,400; pay of the Nurse Corps, $141,600; rent of quarters for members of the Nurse Corps, $12,000; retainer pay and active-service pay of members of the Naval Reserve Force, $2,000,000; in all, $51,023,776.15; and the money herein specifically appropriated for "Pay of the Navy" shall be disbursed and accounted for in accordance with existing law as "Pay of the Navy," and for that purpose shall constitute one fund; and hereafter advances of pay not to exceed three months' pay in any one case may be made to officers ordered to and from sea duty and to and from shore duty beyond the seas, under such regulations as the Secretary of the Navy may prescribe.

Hereafter, in addition to the appointment of midshipmen to the United States Naval Academy, as now prescribed by law, the Secretary of the Navy is allowed one hundred appointments annually, instead of twenty-five as now prescribed by law, to be appointed from the enlisted men of the Navy who are citizens of the United States, and not more than twenty years of age on the date of entrance to the Naval Academy, and who shall have served not less than one year as enlisted men on the date of entrance: *Provided*, That such appointments shall be made in the order of merit from candidates who have, in competition with each other, passed the mental examination now or hereafter required by law for entrance to the Naval Academy, and who passed the physical examination before entrance under existing laws.

The President, in his discretion, is authorized to reduce the course of instruction at the Naval Academy from four to three years for a period of two years from the date of the approval of this Act, and may during said two years graduate classes which have completed a three-year course.

Hereafter all laws relating to the examination of officers of the Navy for promotion shall be construed to apply to the regular advancement of staff officers to higher ranks on the active list, the same as though such advancements in rank were promotions to higher grades: *Provided*, That nothing in this paragraph shall be construed as in any way affecting the original appointment of officers to the Dental Corps as provided in the Act approved August twenty-ninth, nineteen hundred and sixteen, making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and seventeen, and for other purposes, and the time served by dental surgeons as acting or acting assistant dental surgeons shall be reck-

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oned in computing the increased service pay and service for promotion of such as are commissioned under said Act.

Whoever shall forge, counterfeit, or falsely alter any certificate of discharge from the military or naval service of the United States, or shall in any manner aid or assist in forging, counterfeiting, or falsely altering any such certificate, or shall use, unlawfully have in his possession, exhibit, or cause to be used or exhibited, any such forged, counterfeited, or falsely altered certificate, knowing the same to be forged, counterfeited, or falsely altered, shall be fined not more than $1,000 or imprisoned not more than one year, or both, in the discretion of the court.

PROVISIONS, NAVY: For provisions and commuted rations for the seamen and marines, which commuted rations may be paid to caterers of messes, in case of death or desertion, upon orders of the commanding officers, commuted rations for officers on sea duty (other than commissioned officers of the line, Medical and Pay Corps, chaplains, chief boatswains, chief gunners, chief carpenters, chief machinists, chief pay clerks, and chief sailmakers) and midshipmen, and commuted rations stopped on account of sick in hospital and credited at the rate of 50 cents per ration to the naval hospital fund; subsistence of officers and men unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for commutation therefor to be given); subsistence of men on detached duty; subsistence of members of the Naval Reserve Force during period of active service; and for subsistence of female nurses and Navy and Marine Corps general courts-martial prisoners undergoing imprisonment with sentences of dishonorable discharge from the service at the expiration of such confinement: *Provided*, That the Secretary of the Navy is authorized to commute rations for such general courts-martial prisoners in such amounts as seem to him proper, which may vary in accordance with the location of the naval prison, but which shall in no case exceed 30 cents per diem for each ration so commuted; and for the purchase of United States Army emergency rations as required; in all, $10,144,943.40, to be available until the close of the fiscal year ending June thirtieth, nineteen hundred and nineteen.

CLOTHING AND SMALL-STORES FUND: For purchase of clothing and small-stores for issue to the naval service, to be added to the "Clothing and small-stores fund," $1,500,000.

RESERVE MATERIAL, NAVY: For procuring apparatus and materials (other than ordnance materials and medical stores), as a war reserve necessary to be carried in the supply departments for the purpose of fitting out vessels of the fleet and merchant auxiliaries in time of war or when, in the opinion of the President, a national emergency exists, to be immediately available and to continue available until expended, $3,000,000: *Provided*, That, to prevent deterioration such materials shall be used as required in time of peace, and when so used reimbursement shall be made to this appropriation from current naval appropriations in order that additional stocks may be procured.

MAINTENANCE, BUREAU OF SUPPLIES AND ACCOUNTS: For fuel; the removal and transportation of ashes and garbage from ships of war; books, blanks, and stationery, including stationery for commanding and navigating officers of ships, chaplains on shore and afloat, and

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for the use of courts-martial on board ships; purchase, repair, and exchange of typewriters for ships; packing boxes and materials; interior fittings for general storehouses, pay offices, and accounting offices in navy yards; expenses of disbursing officers; coffee mills and repairs thereto; expenses of naval clothing factory and machinery for the same; laboratory equipment; purchase of articles of equipage at home and abroad under the cognizance of the Bureau of Supplies and Accounts, and for the payment of labor in equipping vessels therewith, and the manufacture of such articles in the several navy yards; musical instruments and music; mess outfits; soap on board naval vessels; athletic outfits; tolls, ferriages, yoemen's stores, safes, and other incidental expenses; labor in general storehouses, paymasters' offices, and accounting offices in navy yards and naval stations, including naval stations maintained in island possessions under the control of the United States, and expenses in handling stores purchased and manufactured under "General account of advances"; and reimbursement to appropriations of the Department of Agriculture of cost of inspection of meats and meat food products for the Navy Department: *Provided*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for chemists and for clerical, inspection, storeman, store laborer, and messenger service in the supply and accounting departments of the navy yards and naval stations and disbursing offices for the fiscal year ending June thirtieth, nineteen hundred and eighteen, shall not exceed $1,650,000; in all, $3,250,000.

FREIGHT, BUREAU OF SUPPLIES AND ACCOUNTS: All freight and express charges pertaining to the Navy Department and its bureaus, except the transportation of coal for the Bureau of Supplies and Accounts, $850,000.

FUEL AND TRANSPORTATION: Coal and other fuel for steamers' and ships' use, including expenses of transportation, storage, and handling the same; maintenance and general operation of machinery of naval fuel depots and fuel plants; water for all purposes on board naval vessels; and ice for the cooling of water, including the expense of transportation and storage of both, $6,500,000.

Officers of the Corps of Civil Engineers hereafter appointed shall, from the date of their original appointment, take rank and precedence with Lieutenants (junior grade).

That the President of the United States is authorized, by and with the advice and consent of the Senate, to appoint Leonard G. Hoffman, secretary to the late Admiral of the Navy, an assistant paymaster in the United States Navy, as an additional number in said grade or to any grade to which he may hereafter be promoted: *Provided*, That the services of the said Leonard G. Hoffman as secretary to the late Admiral of the Navy shall, for purposes of pay be credited to him as service in the Navy.

BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; steam steerers, pneumatic steerers, steam capstans, steam windlasses, and all other auxiliaries; labor in navy yards and on foreign stations; purchase of machinery and tools for use in shops; carrying on work of experimental model tank and

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wind tunnel; designing naval vessels; construction and repair of yard craft, lighters, and barges; wear, tear, and repair of vessels afloat; general care, increase, and protection of the Navy in the line of construction and repair; incidental expenses for vessels and navy yards, inspectors' offices, such as photographing, books, professional magazines, plans, stationery, and instruments for drafting room, and for pay of classified force under the bureau; for hemp, wire, iron, and other materials for the manufacture of cordage, anchors, cables, galleys, and chains; specifications for purchase thereof shall be so prepared as shall give fair and free competition; canvas for the manufacture of sails, awnings, hammocks, and other work; interior appliances and tools for manufacturing purposes in navy yards and naval stations; and for the purchase of all other articles of equipage at home and abroad; and for the payment of labor in equipping vessels therewith and manufacture of such articles in the several navy yards; naval signals and apparatus, other than electric, namely, signals, lights, lanterns, rockets, running lights, lanterns, and lamps and their appendages for general use on board ship for illuminating purposes; and oil and candles used in connection therewith; bunting and other materials for making and repairing flags of all kinds; for all permanent galley fittings and equipage; rugs, carpets, curtains, and hangings on board naval vessels, $12,850,000: *Provided*, That no part of this sum shall be applied to the repair of any wooden ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed ten per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided further*, That no part of this sum shall be applied to the repair of any other ship when the estimated cost of such repairs, to be appraised by a competent board of naval officers, shall exceed twenty per centum of the estimated cost, appraised in like manner, of a new ship of the same size and like material: *Provided further*, That nothing herein contained shall deprive the Secretary of the Navy of the authority to order repairs of ships damaged in foreign waters or on the high seas, so far as may be necessary to bring them home: *Provided further*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for clerical, drafting, inspection, watchmen (ship keepers), and messenger service in navy yards, naval stations, and officers of superintending naval constructors for the fiscal year ending June thirtieth, nineteen hundred and eighteen, shall not exceed $1,650,000.

IMPROVEMENT OF CONSTRUCTION PLANTS: For repairs and improvements of machinery and implements at construction plants at navy yards at Portsmouth, New Hampshire, $10,000; Boston, Massachusetts, $25,000; New York, New York, $35,000; Philadelphia, Pennsylvania, $25,000; Norfolk, Virginia, $35,000; Charleston, South Carolina, $10,000; Mare Island, California, $35,000; Puget Sound, Washington, $25,000; in all, $200,000.

CONSTRUCTION OF COAST GUARD CUTTERS: The limit of cost of two steam Coast Guard cutters for service on the Pacific coast and in Alaskan waters, authorized by the Act entitled "An Act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and seventeen, and for other purposes," approved August twenty-ninth, nineteen hundred and sixteen, to be, and hereby is, increased from $700,000 to $900,000.

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The limit of cost of one steam Coast Guard cutter for service as anchorage patrol boat in New York Harbor, authorized by the Act entitled "An Act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and seventeen and for other purposes," approved August twenty-ninth, nineteen hundred and sixteen, to be, and hereby is, increased from $125,000 to $185,000.

That the Secretary of the Treasury is hereby authorized and directed to construct and equip one Coast Guard cutter for duty on the Atlantic coast, with headquarters at Beaufort, North Carolina; one Coast Guard cutter for service on the Great Lakes, with headquarters at Detroit, Michigan, to replace the old cutter Morrill; and one Coast Guard cutter for service on the Pacific Ocean, with headquarters at Honolulu, Hawaii, to replace the condemned cutter Thetis, at a limit of cost not to exceed, for the three cutters, a total of $1,350,000. On account of Coast Guard cutters herein authorized, to be available until expended, $675,000.

BUREAU OF STEAM ENGINEERING.

ENGINEERING: For repairs, preservation, and renewal of machinery, auxiliary machinery, and boilers of naval vessels, yard craft, and ships' boats, distilling and refrigerating apparatus; repairs, preservation, and renewal of electric interior and exterior signal communications and all electrical appliances of whatsoever nature on board naval vessels, except range finders, battle order and range transmitters and indicators, and motors and their controlling apparatus used to operate machinery belonging to other bureaus; maintenance and operation of coast signal service, including expenses of office of Director of Naval Communications and the purchase of land as necessary for sites for radio shore stations; equipage, supplies, and materials under the cognizance of the bureau required for the maintenance and operation of naval vessels, yard craft, and ships' boats; purchase, installation, repair, and preservation of machinery, tools, and appliances in navy yards and stations, including $50,000 for the purchase and installation of tools in the electrical shop at the navy yard, Portsmouth, New Hampshire; pay of classified force under the bureau; incidental expenses for naval vessels, navy yards and stations, inspectors' offices, the engineering experiment station, such as photographing, technical books, and periodicals, stationery, and instruments; instruments and apparatus, supplies, and technical books and periodicals necessary to carry on experimental and research work in radiotelegraphy at the naval radio laboratory: *Provided*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for clerical, drafting, inspection, and messenger service in navy yards, naval stations, and offices of United States inspectors of machinery and engineering material for the fiscal year ending June thirtieth, nineteen hundred and eighteen, shall not exceed $1,035,000: *Provided further*, That the sum to be paid out of this appropriation for the purchase of land for sites for radio shore stations shall not exceed $10,000: *Provided further*, That the total expenditures under this appropriation at the naval radio laboratory shall not exceed $5,000: *Provided further*, That an expenditure under this appropriation of not exceeding $350 for the purchase and maintenance of a native

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pony and a two-wheeled rig for the use of the commanding officer of the high-power radio station, Sangley Point, Philippine Islands, is hereby authorized; in all, engineering, $12,270,000.

HIGH-POWER RADIO STATIONS: For the establishment of a high-power radio station on the island of Porto Rico, $400,000, to be available until expended.

Engineering experiment station, United States Naval Academy, Annapolis, Maryland—Experimental and research work: For original investigation and extended experimentation of naval appliances; and for the purchase of such machines and auxiliaries considered applicable for test and use in the naval service, and for maintenance of buildings and grounds, $85,000.

Equipment of building: For extension of steam, air, and water lines, and electric circuits; for foundations for machinery; for purchase and installation of additional testing instruments and apparatus, $20,000.

MACHINERY PLANTS: For repairs and improvements of machinery plants at navy yards at Portsmouth, New Hampshire, $20,000; Boston, Massachusetts, $25,000; New York, New York, $30,000; Philadelphia, Pennsylvania, $25,000; Norfolk, Virginia, $25,000; Charleston, South Carolina, $20,000; Mare Island, California, $25,000; and Puget Sound, Washington, $20,000; in all, $190,000.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: Pay of professors and instructors, including one professor as librarian, $175,000.

No part of any sum in this Act appropriated shall be expended in the pay or allowances of any commissioned officer of the Navy detailed for duty as an instructor at the United States Naval Academy to perform duties which were performed by civilian instructors on January first, nineteen hundred and thirteen.

One swordmaster, $1,600; one assistant, $1,400; and one assistant, $1,200; one headmaster in physical training, $1,700; one instructor in physical training, $1,700; and two instructors in physical training, at $1,400 each; three instructors in physical training, at $1,200 each; one assistant librarian, $2,400; one cataloguer, $1,500; and one shelf assistant, $1,100, one shelf assistant, $900; one secretary of the Naval Academy, $2,400; two clerks, at $1,700 each; four clerks, at $1,400 each; four clerks, at $1,100 each; four clerks, at $1,000 each; seven clerks, at $1,000 each; one clerk, $900; six clerks, at $840 each; one draftsman, $1,400; one surveyor, $1,400; services of organist at chapel, $300; one captain of the watch, $1,100; one second captain of the watch, $1,000; twenty-two watchmen, at $900 each; three telephone switchboard operators, at $600 each; one mail messenger, $1,000. In all, pay of professors and others, Naval Academy, $255,440.

DEPARTMENT OF ORDNANCE AND GUNNERY: One leading ordnanceman, $1,100; one electrician, $1,248; one ordnanceman, $950; one ordnanceman, $840; one ordnanceman, $720; two ordnance helpers, at $600 each; in all, $6,058.

DEPARTMENTS OF ELECTRICAL ENGINEERING AND PHYSICS: Three electrical machinists, at $1,180 each; two mechanics, at $1,180 each; one laboratorian, $1,000; in all, $6,900.

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DEPARTMENT OF SEAMANSHIP: Two coxswains, at $480 each; three seamen, at $420 each; in all, $2,220.

DEPARTMENT OF MARINE ENGINEERING AND NAVAL CONSTRUCTION: One master machinist, $1,900, and one assistant, $1,400; one pattern maker, $1,400; one boiler maker, one blacksmith, three machinists, one molder, and one coppersmith, at $1,280 each; one pattern maker and one blacksmith at $1,080 each; one instructor in mechanical drawing, $2,000; machinists and other employees, $9,515.20; in all, $27,335.20.

COMMISSARY DEPARTMENT: One chief cook, $1,200; one cook, $900, nine cooks, at $600 each, and twelve assistants, at $360 each; one steward, $1,200, and two assistants, $1,080 each; one head waiter, $840, one assistant head waiter, $720, and three assistants, at $600 each; one pantryman, $520, four pantrymen, at $420 each; one chief baker, at $1,200; five bakers, $600 each; two assistants, at $540 each, and three assistants, $480; one head butcher, at $900; two assistant butchers, at $720 each, and one butcher's helper, at $480; four baker helpers, at $300 each; sixty-five waiters, at $20 per month each, and sixty-five waiters, at $16 per month each, $28,080; two coffeemen, at $540 each, four coffeemen, at $300 each; four dish pantrymen, at $300 each; one fireman, $600, four firemen, at $300 each; four utility men, at $300 each; one lineman, $540, two linemen, at $300 each; two seamstresses, at $420 each; four clerks, at $360 each; one driver, $600; scullions and other unskilled labor (wages in no case to exceed $40 per month), $1,380; in all, $71,440.

DEPARTMENT OF BUILDINGS AND GROUNDS: One messenger to superintendent, $600; forty-five building attendants, at $400 each, $18,000; in all, $18,600.

In all, civil establishment, $387,993.20.

CURRENT AND MISCELLANEOUS EXPENSES, NAVAL ACADEMY: Text and reference books for use of instructors; stationery, blank books and forms, models, maps, and periodicals; apparatus and materials for instruction in physical training and athletics; expenses of lectures and entertainments not exceeding $1,000, including pay and expenses of lecturer; chemicals, philosophical apparatus and instruments, stores, machinery, tools, fittings, apparatus, and materials for instruction purposes, $43,500.

Purchase, binding, and repair of books for the library (to be purchased in the open market on the written order of the superintendent), $2,500.

For expenses of the Board of Visitors to the Naval Academy, $3,000.

For contingencies for the superintendent of the academy, to be expended in his discretion, $3,000.

In all, current and miscellaneous expenses, $52,000.

MAINTENANCE AND REPAIRS, NAVAL ACADEMY: For general maintenance and repairs at the Naval Academy, namely: For necessary repairs of public buildings, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, and fixtures; for books, periodicals, maps, models, and drawings; purchase and repair of fire engines; fire apparatus and plants; machinery; purchase and maintenance of all horses and vehicles for use at the academy, including the maintenance, operation, and repair of three horse-drawn passenger-carrying vehicles to be used only for official purposes; seeds and plants; tools and repairs of the same; stationery; furniture for Gov-

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ernment buildings and offices at the academy; coal and other fuel; candles, oil, and gas; attendance on light and power plants; cleaning and clearing up station and care of buildings; attendance on fires, lights, fire engines, fire apparatus, and plants, and telephone, telegraph, and clock systems; incidental labor; advertising, water tax, postage, telephones, telegrams, tolls, and ferriage; flags and awnings; packing boxes; fuel for heating and lighting bandsmen's quarters; pay of inspectors and draftsmen; music, musical and astronomical instruments; and for the pay of employees on leave, $465,120: *Provided*, That $75,000 of this appropriation, or so much thereof as may be necessary, is made immediately available for altering, furnishing, lighting, and equipping the marine barracks at Annapolis, Maryland, as temporary quarters for housing and messing midshipmen.

Rent of buildings for the use of the academy, and commutation of rent for bandsmen, at $8 per month each, $3,936.

In all, maintenance and repairs, $469,056.

In all, Naval Academy, exclusive of public works, $909,049.20.

MARINE CORPS.

PAY, MARINE CORPS: Pay of officers, active and reserve list: For pay and allowances prescribed by law for all officers on the active and reserve list, including clerks for assistant paymasters, nine, $1,690,666.

For pay of officers prescribed by law, on the retired list: For two major generals, four brigadier generals, six colonels, five lieutenant colonels, eleven majors, nineteen captains, thirteen first lieutenants, two second lieutenants, and one paymaster's clerk, and for officers who may be placed thereon during the year, including such increased pay as is now or may hereafter be provided for retired officers regularly assigned to active duty, $198,307.50.

Pay of enlisted men, active and reserve list: Pay and allowances of noncommissioned officers, musicians, and privates, as prescribed by law, and for the expenses of clerks of the United States Marine Corps traveling under orders, and including additional compensation for enlisted men of the Marine Corps regularly detailed as gun captains, gun pointers, mess sergeants, cooks, messmen, signalmen, or holding good-conduct medals, pins, or bars, including interest on deposits by enlisted men, post-exchange debts of deserters, under such rules as the Secretary of the Navy may prescribe, and the authorized travel allowance of discharged enlisted men and for prizes for excellence in gunnery exercise and target practice and for pay of enlisted men designated as Navy mail clerks and assistant Navy mail clerks, both afloat and ashore: *Provided*, That the provisons of the Act of May twenty-seventh, nineteen hundred and eight (Thirty-fifth Statutes, pages four hundred and seventeen and four hundred and eighteen), as amended by the Act of August twenty-fourth, nineteen hundred and twelve (Thirty-seventh Statutes, page five hundred and sixty), are hereby extended to authorize the designation of enlisted men of the Navy or Marine Corps as Navy mail clerks and assistant Navy mail clerks with expeditionary forces on shore: *Provided further*, That marine gunners and quartermaster clerks of the Marine Corps assigned to foreign shore service shall hereafter be entitled to the same increased compensation and under the same conditions as is now or hereafter allowed by law to commissioned officers of the Marine Corps. In all, $4,800,532.

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For pay and allowances prescribed by law of enlisted men on the retired list: For nine sergeants major, one drum major, twenty-three gunnery sergeants, thirty-seven quartermaster sergeants, forty-three first sergeants, sixty-six sergeants, twenty-one corporals, twenty first-class musicians, one drummer, and twenty-four privates, and for those who may be retired during the fiscal year, $175,986.

Undrawn clothing: For payment to discharged enlisted men for clothing undrawn, $100,000.

Mileage: For mileage to officers traveling under orders without troops, $58,000.

For commutation of quarters of officers on duty without troops where there are no public quarters, $75,000.

PAY OF CIVIL FORCE: In the office of the major general commandant: One chief clerk, at $2,000; one clerk, at $1,800; one messenger, at $971.28.

In the office of the paymaster: One chief clerk, at $2,000; one clerk, at $1,500; one clerk, at $1,200.

In the office of the adjutant and inspector: One chief clerk, at $2,000; one clerk, at $1,800; one clerk, at $1,500; one clerk, at $1,400; one clerk, at $1,200.

In the office of the quartermaster: One chief clerk, at $2,000; one clerk, at $1,800; one clerk, at $1,500; two clerks, at $1,400 each; two clerks, at $1,200 each; one draftsman, at $2,000.

In the office of the assistant quartermaster, San Francisco, California: One chief clerk, at $1,800.

In the office of the assistant quartermaster, Philadelphia, Pennsylvania: One chief clerk, at $1,800; one messenger, at $840.

In all, for pay of civil force, $34,511.28, and the money herein specifically appropriated for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law as pay of the Marine Corps, and for that purpose shall constitute one fund.

In all, pay, Marine Corps, $7,132,802.78.

MAINTENANCE, QUARTERMASTER'S DEPARTMENT, MARINE CORPS.

PROVISIONS, MARINE CORPS: For noncommissioned officers, musicians, and privates serving ashore; subsistence and lodging of enlisted men when traveling on duty, or cash in lieu thereof; commutation of rations to enlisted men regularly detailed as clerks and messengers; payments of board and lodging of applicants for enlistment while held under observation, recruits, recruiting parties, and enlisted men where it is impracticable to otherwise furnish subsistence, or in lieu of board, commutation of rations to recruiting parties; transportation of provisions, and the employment of necessary labor connected therewith; ice machines and their maintenance where required for the health and comfort of the troops and for cold storage; ice for offices and preservation of rations, $1,676,000. Hereafter no law shall be construed to entitle enlisted men on shore duty to any rations or commutation therefor other than such as are now or may hereafter be allowed enlisted men in the Army: *Provided*, That when it is impracticable or the expense is found greater to supply marines serving on shore duty in the island possessions and on foreign stations with the Army ration, such marines may be allowed the Navy ration or commutation therefor.

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CLOTHING, MARINE CORPS: For noncommissioned officers, musicians, and privates, authorized by law, $1,580,000: *Provided*, That hereafter worn-out sewing machines, machinery, rubber tires, and band instruments may be exchanged in part payment for the purchase of like articles.

FUEL, MARINE CORPS: For heat, light, and commutation thereof for the authorized allowance of quarters for officers and enlisted men, and other buildings and grounds pertaining to the Marine Corps; fuel, electricity, and oil for cooking, power, and other purposes; and sales to officers, $260,000.

MILITARY STORES, MARINE CORPS: Pay of chief armorer, at $4 per diem; one mechanic, at $3 per diem; two mechanics, at $2.50 each per diem; one chief electrician, at $4 per diem, and one assistant electrician, at $3.50 per diem; per diem of enlisted men employed on constant labor for periods of not less than ten days; purchase of military equipments, such as rifles, revolvers, cartridge boxes, bayonet scabbards, haversacks, blanket bags, canteens, rifle slings, swords, drums, trumpets, flags, waistbelts, waist plates, cartridge belts, spare parts for repairing rifles, machetes; purchase and repair of tents, field cots, field ovens, and stoves for tents; purchase and repair of instruments for bands; purchase of music and musical accessories; purchase and marking of prizes for excellence in gunnery and rifle practice; good-conduct badges; medals awarded to officers and enlisted men by the Government for conspicuous, gallant, and special service; incidental expenses of schools of application; construction, equipment, and maintenance of school, library, and amusement rooms and gymnasiums for enlisted men, and the purchase and repair of all articles of field sports for enlisted men; purchase and repair of signal equipment and stores; establishment and maintenance of targets and ranges, renting ranges, construction of buildings for temporary shelter and preservation of stores, and entrance fees in competitions; procuring, preserving, and handling ammunition and other necessary military supplies; in all, $852,000.

CAMPS OF INSTRUCTION: For the establishment and maintenance of camps of instruction as authorized in the naval approprition Act, approved August twenty-ninth, nineteen hundred and sixteen' $31,000.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, and of applicants for enlistment between recruiting stations and recruit depots or posts, including ferriage and transfers en route, or cash in lieu thereof; toilet kits for issue to recruits upon their first enlistment and the expense of the recruiting service, $500,000: *Provided*, That authority is hereby granted to employ the services of advertising agencies in advertising for recruits under such terms and conditions as are most advantageous to the Government.

REPAIRS OF BARRACKS, MARINE CORPS: Repairs and improvements to barracks, quarters, and other public buildings at posts and stations; for the renting, leasing, improvement, and erection of buildings in the District of Columbia, and at such other places as the public exigencies require; and for per diem to enlisted men employed under the direction of the Quartermaster's Department on the repair of barracks, quarters, and other public buildings on constant labor for periods of not less than ten days, $220,000.

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FORAGE, MARINE CORPS: For forage in kind and stabling for public animals of the Quartermaster's Department and the authorized number of officers' horses, $68,000.

COMMUTATION OF QUARTERS, MARINE CORPS: Commutation of quarters for enlisted men on recruiting duty, for officers and enlisted men serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them; commutation of quarters for enlisted men employed as clerks and messengers in the offices of the commandant, adjutant and inspector, paymaster, and quartermaster, and the offices of the assistant adjutant and inspectors, assistant paymasters, assistant quartermasters, at $21 each per month, and for enlisted men employed as messengers in said offices, at $10 each per month, $167,000.

CONTINGENT, MARINE CORPS: For freight, expressage, tolls, cartage, advertising, washing of bed sacks, mattress covers, pillowcases, towels, and sheets, funeral expenses of officers and enlisted men and retired enlisted men of the Marine Corps, including the transportation of bodies and their arms and wearing apparel from the place of demise to the homes of the deceased in the United States; stationery and other paper, printing and binding; telegraphing, rent of telephones; purchase, repair, and exchange of typewriters; apprehension of stragglers and deserters; per diem of enlisted men employed on constant labor for periods of not less than ten days; employment of civilian labor; purchase, repair, and installation and maintenance of gas, electric, sewer, and water pipes and fixtures; office and barracks furniture, camp and garrison equipage and implements; mess utensils for enlisted men; packing boxes, wrapping paper, oilcloth, crash, rope, twine, quarantine fees, camphor and carbolized paper, carpenters' tools, tools for police purposes, safes, purchase, hire, repair, and maintenance of such harness, wagons, motor wagons, armored automobiles, carts, drays, motor-propelled and horse-drawn passenger-carrying vehicles, to be used only for official purposes, and other vehicles as are required for the transportation of troops and supplies and for official military and garrison purposes; purchase of public horses and mules; services of veterinary surgeons, and medicines for public animals, and the authorized number of officers' horses; purchase of mounts and horse equipment for all officers below the grade of major required to be mounted; shoeing for public animals and the authorized number of officers' horses; purchase and repair of hose, fire extinguishers, hand grenades, carts, wheelbarrows, and lawn mowers; purchase, installation, and repair of cooking and heating stoves and furnaces; purchase of towels, soap, combs, and brushes for offices; postage stamps for foreign and registered postage; books, newspapers, and periodicals; improving parade grounds; repair of pumps and wharves, water; straw for bedding, mattresses; mattress covers, pillows, sheets; furniture for Government quarters and repair of same; packing and crating officers' allowance of baggage on change of station; deodorizers, lubricants, disinfectants; and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify, $846,385: *Provided*, That hereafter no part of the pay and allowances authorized for enlisted men detailed as clerks and messengers in the office of the Major General Commandant and the several staff offices shall be

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forfeited when granted furlough for not exceeding thirty days in each calendar year.

In all, for the maintenance of Quartermaster's Department, Marine Corps, $6,200,385; and the money herein specifically appropriated for the maintenance of the Quartermaster's Department, Marine Corps, shall be disbursed and accounted for in accordance with existing law as maintenance, Quartermaster's Department, Marine Corps, and for that purpose shall constitute one fund.

For the authorized expenses of the Marine Corps Reserve, $25,000.

Total Marine Corps, including Marine Corps Reserve, exclusive of public works, $13,358,187.78.

INCREASE OF THE NAVY.

Of the vessels authorized in the "Act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and seventeen, and for other purposes," approved August twenty-ninth, nineteen hundred and sixteen, the construction of the following vessels shall be begun as soon as practicable at a cost exclusive of armor and armament not to exceed the following amounts: Three battleships, $15,500,000 each; one battle cruiser, $19,000,000; three scout cruisers, $6,000,000 each; fifteen destroyers, $1,300,000 each; one destroyer tender, $2,300,000; one submarine tender, $1,900,000; eighteen coast submarines to have a surface displacement of about eight hundred tons each, $1,300,000 each, and the limits of cost for the four battle cruisers and for three scout cruisers authorized and appropriated for in said Act but not yet contracted for, are increased to not to exceed $19,000,000 each for the battle cruisers and $6,000,000 each for the scout cruisers, exclusive of armor and armament, and the construction of said vessels shall be begun as soon as practicable.

CONSTRUCTION AND MACHINERY: On account of hulls and outfits and machinery of three battleships, one battle cruiser, three scout cruisers, fifteen destroyers, one submarine tender, one destroyer tender, and other vessels heretofore authorized, to be available until expended, $93,123,000.

INCREASE OF THE NAVY, TORPEDO BOATS: On account of submarine torpedo boats heretofore authorized $16,816,110, and on account of the eighteen additional coast submarine torpedo boats herein appropriated for $6,115,170; in all, submarine torpedo boats, $22,931,280, to be available until expended.

INCREASE OF THE NAVY, ARMOR AND ARMAMENT: Toward the armor and armament for vessels heretofore authorized and the additional vessels herein appropriated for, to be available until expended, $44,180,000.

INCREASE OF THE NAVY, AMMUNITION: Toward the ammunition for the vessels heretofore authorized and for the additional vessels herein appropriated for, to be available until expended, $14,528,043.

Total increase of the Navy heretofore authorized and herein appropriated for, $174,762,323.

That in case of national emergency the President is authorized to suspend provisions of law prohibiting more than eight hours labor in any one day of persons engaged upon work covered by contracts with the United States: *Provided further*, That the wages of persons employed upon such contracts shall be computed on a basic day

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rate of eight hours work, with overtime rates to be paid for at not less than time and one-half for all hours work in excess of eight hours.

NAVAL EMERGENCY FUND.

To enable the President to secure the more economical and expeditious delivery of materials, equipment, and munitions and secure the more expeditious construction of ships authorized and for the purchase or construction of such additional torpedo boat destroyers, submarine chasers and such other naval small craft, including aircraft, guns and ammunition for all of said vessels and aircraft and for each and every purpose connected therewith, as the President may direct, to be expended at the direction and in the discretion of the President, $115,000,000, or so much thereof as may be necessary, and to be immediately available.

In addition to the eighteen submarines hereinbefore appropriated for, the Secretary of the Navy is hereby authorized and directed to proceed at once to cause to be constructed twenty coast submarines to have a surface displacement of about eight hundred tons each at a cost not to exceed $1,300,000 each, exclusive of armor and armament, on the most approved lines according to plans and specifications to be provided or adopted by the Secretary of the Navy. The same may be let by contract to private builders or constructed by the Government in navy yards, or both, as may be directed by the Secretary of the Navy. Said twenty submarines shall be constructed on the Pacific coast: *Provided*, That the cost of construction on the Pacific coast does not exceed the cost of construction on the Atlantic coast plus the cost of transportation from the Atlantic to the Pacific. Eighteen million dollars is hereby appropriated toward the construction of said submarines.

(a) That the word "person" as used in paragraphs (b), (c), next hereafter shall include any individual, trustee, firm, association, company, or corporation. The word "ship" shall include any boat, vessel, submarine, or any form of aircraft, and the parts thereof. The words "war material" shall include arms, armament, ammunition, stores, supplies, and equipment for ships and airplanes, and everything required for or in connection with the production thereof. The word "factory" shall include any factory, workshop, engine works, building used for manufacture, assembling, construction, or any process, and any shipyard or dockyard. The words "United States" shall include the Canal Zone and all territory and waters, continental and insular, subject to the jurisduction of the United States.

(b) That in time of war, or of national emergency arising prior to March first, nineteen hundred and eighteen, to be determined by the President by proclamation, the President is hereby authorized and empowered, in addition to all other existing provisions of law:

First. Within the limits of the amounts appropriated therefor, to place an order with any person for such ships or war material as the necessities of the Government, to be determined by the President, may require and which are of the nature, kind, and quantity usually produced or capable of being produced by such person. Compliance with all such orders shall be obligatory on any person to whom such order is given, and such order shall take precedence over all other

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orders and contracts theretofore placed with such person. If any person owning, leasing, or operating any factory equipped for the building or production of ships or war material for the Navy shall refuse or fail to give to the United States such preference in the execution of such an order, or shall refuse to build, supply, furnish, or manufacture the kind, quantity, or quality of ships or war material so ordered at such reasonable price as shall be determined by the President, the President may take immediate possession of any factory of such person, or of any part thereof without taking possession of the entire factory, and may use the same at such times and in such manner as he may consider necessary or expedient.

Second. Within the limit of the amounts appropriated therefor, to modify or cancel any existing contract for the building, production, or purchase of ships or war material; and if any contractor shall refuse or fail to comply with the contract as so modified the President may take immediate possession of any factory of such contractor, or any part thereof without taking possession of the entire factory, and may use the same at such times and in such manner as he may consider necessary or expedient.

Third. To require the owner or occupier of any factory in which ships or war material are built or produced to place at the disposal of the United States the whole or any part of the output of such factory, and, within the limit of the amounts appropriated therefor, to deliver such output or parts thereof in such quantities and at such times as may be specified in the order at such reasonable price as shall be determined by the President.

Fourth. To requisition and take over for use or operation by the Government any factory, or any part thereof without taking possession of the entire factory, whether the United States has or has not any contract or agreement with the owner or occupier of such factory.

That all authority granted to the President in this paragraph, to be exercised in time of national emergency, shall cease on March first, nineteen hundred and eighteen.

(d) That whenever the United States shall cancel or modify any contract, make use of, assume, occupy, requisition, or take over any factory or part thereof, or any ships or war material, in accordance with the provisions of paragraph (b), it shall make just compensation therefor, to be determined by the President, and if the amount thereof so determined by the President is unsatisfactory to the person entitled to receive the same, such person shall be paid fifty per centum of the amount so determined by the President and shall be entitled to sue the United States to recover such further sum as added to said fifty per centum shall make up such amount as will be just compensation therefor, in the manner provided for by section twenty-four, paragraph twenty, and section one hundred and forty-five of the Judicial Code.

The Secretary of the Navy shall build any of the vessels herein appropriated for in such navy yards as he may designate should it reasonably appear that the persons, firms, or corporations, or the agents thereof, bidding for the construction of any of said vessels have entered into any combination, agreement, or understanding, the effect, object, or purpose of which is to deprive the Government of fair, open, and unrestricted competition in letting contracts for the construction of any of said vessels: *Provided*, That the Secretary of

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the Navy is hereby authorized to build any of the vessels herein authorized in such navy yards as he may designate.

In the event the Secretary of the Navy is unable to secure from the private shipbuilders contracts for the expeditious construction of the ships heretofore authorized at a fair and reasonable price, the sum of $12,000,000, or so much thereof as may be necessary, is hereby appropriated to enable the Secretary of the Navy to equip the navy yards with suitable and necessary machinery, implements, building ways, and equipment for the construction of such of said vessels as may be assigned to navy yards for construction.

If, in the judgment of the Secretary of the Navy, the most rapid and economical construction of the battle cruiser herein appropriated for can be obtained thereby, he may contract for the construction of said battle cruiser upon the basis of actual cost, plus a reasonable profit to be determined by him.

That section forty-four of the Act entitled "An Act to codify, revise, and amend the penal laws of the United States," approved March fourth, nineteen hundred and nine, be, and the same is hereby, amended to read as follows:

"SEC. 44. Whoever shall willfully trespass upon, injure, or destroy any of the works or property or material of any submarine mine or torpedo or fortification or harbor-defense system owned or constructed or in process of construction by the United States, or shall willfully interfere with the operation or use of any such submarine mine, torpedo, fortification, or harbor-defense system, or shall knowingly, willfully, or wantonly violate any duly authorized and promulgated order or regulation of the President governing persons or vessels within the limits of defensive sea areas, which defensive sea areas are hereby authorized to be established by order of the President from time to time as may be necessary in his discretion for purposes of national defense, shall be punished on conviction thereof in a district or circuit court of appeals of the United States for the district or circuit in which the offense is committed, or into which the offender is first brought, by a fine of not more than $5,000, or by imprisonment for a term not exceeding five years, or by both, in the discretion of the court."

Of each of the sums appropriated by this Act, except such amounts as may be required to meet obligations authorized in previous Acts and for which contracts have been made, no part shall be used to procure through purchase or contract any vessels, armament, articles, or materials which the navy yards, gun factories, or other industrial plants operated by the Navy Department are equipped to supply, unless such Government plants are operated approximately at their full capacity for not less than one regular shift each working day, except when contract costs are less than costs in said Government plants, and except when said Government plants are unable to complete the work within the time required, and except in cases of emergency: *Provided*, That no part of the appropriations made in this Act shall be available for the salary or pay of any officer, manager, superintendent, foreman, or other person having charge of the work of any employee of the United States Government while making or causing to be made with a stop watch or other time-measuring device a time study of any job of any such employee between the starting and completion thereof, or of the movements of any such employee while en-

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gaged upon such work; nor shall any part of the appropriations made in this Act be available to pay any premium or bonus or cash reward to any employee in addition to his regular wages, except for suggestions resulting in improvements or economy in the operation of any Government plant.

That no part of any sum herein appropriated shall be expended for the purchase of structural steel, ship plates, armor, armament, or machinery from any persons, firms, or corporations who are parties to any existing combination or conspiracy to monopolize the interstate or foreign commerce or trade of the United States, or the commerce or trade between the States and any Territory or the District of Columbia, in any of the articles aforesaid, and no purchase of structural steel, ship plates, or machinery shall be made at a price in excess of a reasonable profit above the actual cost of manufacture. But this limitation shall in no case apply to any existing contract.

That no part of any sum herein appropriated under "Increase of the Navy" shall be used for the payment of any clerical, drafting, inspection, or messenger service, or for the pay of any of the other classified force under the various bureaus of the Navy Department, Washington, District of Columbia.

That no part of any sum appropriated by this Act shall be used for any expense of the Navy Department at Washington, District of Columbia, unless specific authority is given by law for such expenditure.

That during the fiscal year nineteen hundred and eighteen all civilian employees in the Naval Establishment, including on the lump-sum rolls only those persons who are carried thereon at the close of the fiscal year ending June thirtieth, nineteen hundred and seventeen, shall receive increased compensation at the rate of ten per centum per annum to such employees who receive salaries or wages in such establishment at the rate per annum of less than $1,200, and increased compensation at the rate of five per centum per annum to such employees who receive salaries or wages in such establishment at a rate of not more than $1,800 per annum: *And provided,* That so much as may be necessary for such purpose is hereby appropriated out of any moneys in the Treasury not otherwise appropriated: *Provided further,* That in computing said ten per centum and five per centum increases of salaries, the specific increases of salaries made in this Act shall be included as a part of such increase.

All appropriations contained in this Act are hereby made immediately available, but no appropriation in this Act shall be used for payment of deficiencies.

Approved, March 4, 1917.

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[PUBLIC—No. 23—65TH CONGRESS.]

[H. R. 3971.]

AN ACT Making appropriations to supply urgent deficiencies in appropriations for the Military and Naval Establishments on account of war expenses for the fiscal year ending June thirtieth, nineteen hundred and seventeen, and for other purposes.

* * * * *

AVIATION.

AVIATION: For aviation, including not to exceed $150,000 for the purchase of land, * * * $11,000,000 * * *.

BUREAU OF NAVIGATION.

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MAINTENANCE OF NAVAL AUXILIARIES: The sum appropriated for "Maintenance of naval auxiliaries" in the naval Act approved March fourth, nineteen hundred and seventeen, shall be transferred to other appropriations as follows: "Transportation, Bureau of Navigation," $11,500; "Pay of the Navy," $846,890, and "Provisions, Navy," $286,000.

* * * * *

SCHOOLS OR CAMPS OF INSTRUCTION FOR RECRUITS AND NAVAL RESERVE FORCES: For rental of necessary land and for providing quarters and the maintenance and equipment thereof, for assembling, training, and instructing recruits and reserves of all classes, including the crews of section patrols, harbor patrols, submarines and submarine chasers, and beach patrols, and for all purposes connected therewith, $2,655,360.

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PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

Quarters for marine guards: For temporary quarters for marine guards at naval magazines, $100,000.

Submarine facilities: For submarine facilities, navy yards and stations, $1,500,000.

Power plants and distributing systems: For improvements, central power plants and distributing systems, navy yards and stations, $750,000.

Depots for coal and other fuel: Toward fuel-oil storage, including not to exceed $100,000 for the purchase of land, $1,500,000.

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Ordnance storage: For storage of ammunition, mines, torpedoes, and other ordnance material, $3,000,000.

Naval operating base, Hampton Roads, Virginia: The President is hereby authorized and empowered to take over for the United States the immediate possession and title, including all easements, rights of way, riparian and other rights appurtenant thereto, and including all the rights and properties of railway, electric light, power, telephone, telegraph, water, and sewer companies, of the tract of land known as the Jamestown Exposition site, on Hampton Roads, Virginia, and of such lands adjacent thereto as lie north of Ninety-ninth Street and Algonquin Street, the entire property being bounded on the north and west by Hampton Roads and Willoughby Bay, on the east by Boush Creek, and on the south by Ninety-ninth and Algonquin Streets.

That if said lands and appurtenances and improvements thereof shall be taken over as aforesaid, the United States shall make just compensation therefor, to be determined by the President, and if the amount thereof, so determined by the President, is unsatisfactory to the person entitled to receive the same such person shall be paid seventy-five per centum of the amount so determined by the President and shall be entitled to sue the United States to recover such further sum, as added to said seventy-five per centum will make up such amount as will be just compensation therefor, in the manner provided for by section twenty-four, paragraph twenty, and section one hundred and forty-five of the Judicial Code.

Upon the taking over of said property by the President as aforesaid, the title to all property so taken over shall immediately vest in the United States.

For the payment of compensation for said property so taken over, $1,200,000, or so much thereof as may be necessary; and toward the equipment of the same as a naval operating base, including piers, store houses, oil-fuel storage, training station and recreation grounds for the fleet and other purposes, $1,600,000, in all, $2,800,000: *Provided*, That the appropriation herein shall be available only for the acquisition of the entire property bounded on the north and west by Hampton Roads and Willoughby Bay, on the east by Boush Creek, and on the south by Ninety-ninth and Algonquin Streets, together with all easements, rights of way, riparian and other rights appurtenant thereto, and all the rights and properties of railway, electric light, power, telephone, telegraph, cable, water, and sewer companies: *Provided further*, That the Secretary of the Navy is authorized to expend public money in the development of said tract of land without reference to the requirements of section three hundred and fifty-five of the Revised Statutes.

Hospital construction: For temporary hospital construction, $1,000,000; and for the establishment of naval

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medical supply depots at Brooklyn, New York, and Mare Island, California, by purchase or construction, $350,000; in all, $1,350,000.

Naval magazine, Saint Juliens Creek, Virginia: The Secretary of the Navy is authorized to expend public money in the development of the tract of land to be added to the naval reservation at the naval ammunition depot, Saint Juliens Creek, Virginia, without reference to the requirements of section three hundred and fifty-five of the Revised Statutes, and the provision in the naval appropriation Act approved August twenty-ninth, nineteen hundred and sixteen (Thirty-ninth Statutes at Large, page five hundred and seventy), authorizing the purchase of additional land under the heading "Naval magazine, Saint Juliens Creek, Virginia," is hereby amended to read as follows: "For additional land, to be secured by purchase or condemnation or otherwise, as the Secretary of the Navy may direct, $60,000."

Puget Sound, Washington, Navy Yard: The Secretary of the Navy is authorized to acquire by gift, purchase, or condemnation, easements over private land where necessary for the installation of a telephone, power and distant control line for the radio station at Keyport, Washington, between said station and the navy yard, Puget Sound, Washington, $3,500, which sum is hereby appropriated.

* * * *

BUREAU OF MEDICINE AND SURGERY.

HOSPITAL EXPENSES: For the care, maintenance, and treatment of patients in naval and in other than naval hospitals, and for the rental of land, $3,000,000.

BUREAU OF SUPPLIES AND ACCOUNTS.

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CLOTHING and SMALL-STORES FUND: For purchase of clothing and small-stores for issue to the naval service, to be added to the "Clothing and small-stores fund," $9,571,000.

* * * * *

RESERVE MATERIAL, NAVY: For procuring apparatus and materials (other than ordnance materials and medical stores), as a war reserve necessary to be carried in the supply departments for the purpose of fitting out vessels of the fleet and merchant auxiliaries in time of war or when, in the opinion of the President, a national emergency exists, $2,000,000: *Provided*, That, to prevent deterioration materials purchased under the reserve material Navy fund shall be used as required in time of peace, and when so used reimbursement shall be made to this appropriation from current naval appropriations in order that additional stocks may be procured.

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BUREAU OF CONSTRUCTION AND REPAIR.

* * * *Provided*, That the limitations imposed by existing law relative to repairs to vessels of the Navy shall not apply to the expenditure of funds made available in this Act * * *.

BUREAU OF STEAM ENGINEERING,

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The foregoing appropriations for the Naval Establishment shall be available for similar expenses of the Coast Guard and Lighthouse Services while cooperating with the Navy in so far as the regular appropriations for these services are insufficient therefor; and, when expenditures are thus made, naval appropriations need not be reimbursed from the appropriations of the Coast Guard and Lighthouse Services.

NAVAL ACADEMY.

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Buildings: For an addition to Isherwood Hall, $300,000.

MARINE CORPS.

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MAINTENANCE, QUARTERMASTER'S DEPARTMENT, MARINE CORPS.

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REPAIRS OF BARRACKS, MARINE CORPS: Repairs and improvements to barracks, quarters, and other public buildings at posts and stations; for the renting, leasing, improvement, and erection of buildings in the District of Columbia, and at such other places as the public exigencies require; and for per diem to enlisted men employed under the direction of the quartermaster's department on the repair of barracks, quarters, and other public buildings on constant labor for periods of not less than ten days, $1,104,000.

* * * * *

Depot of supplies, Marine Corps, Philadelphia, Pennsylvania: For the purchase of a strip of land in rear of the depot of supplies, Marine Corps, Philadelphia, Pennsylvania, extending about one hundred and forty-two feet on Washington Avenue and about two hundred and twenty-six feet on Fifteenth Street, with all buildings thereon, and for adapting said buildings to uses connected with the depot, $200,000.

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INCREASE OF THE NAVY.

The limit of cost of the forty-six submarines now under contract is increased by the sum of $10,000 each.

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[PUBLIC—No. 64—65TH CONGRESS.]

[H. R. 5949.]

AN ACT Making appropriations to supply urgent deficiencies in appropriations for the fiscal year ending June thirtieth, nineteen hundred and eighteen, and prior fiscal years, on account of war expenses, and for other purposes.

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AVIATION.

For aviation, * * * including not to exceed $315,000 for the acquisition of land by purchase or condemnation; * * * $45,000,000: * * *.

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NAVAL EMERGENCY FUND.

To enable the President to secure the more economical and expeditious delivery of materials, equipment, and munitions, and secure the more expeditious construction of ships authorized, and for the purchase or construction of such additional torpedo boat destroyers, submarine chasers, and such other naval small craft, and for each and every purpose connected therewith, as the President may direct, to be expended at the direction and in the discretion of the President, $100,000,000.

* * * * *

BUREAU OF NAVIGATION.

Recreation for enlisted men: For the recreation, amusement, comfort, and contentment of enlisted men of the Navy afloat and under training ashore, to be expended in the discretion of the Secretary of the Navy, under such regulations as he may prescribe, $150,000: *Provided*, That no person shall be employed hereunder at a rate of compensation exceeding $1,800 per annum.

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BUREAU OF ORDNANCE.

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Fuel lands for armor and projectile plants: For the investigation and acquisition of options to mineral rights on about twenty-six thousand acres of gas and oil lands in the State of West Virginia, located within reasonable distance of the Government armor plant, $25,000.

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PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

Hospital construction: For temporary hospital construction and repairs, as may be necessary, at points not provided with suitable hospital facilities, and for buildings for naval medical supplies, $2,000,000.

New London, Connecticut, submarine base: For the acquisition, by purchase or condemnation, of the tract of land, comprising approximately twenty-six and eighty-eight one-hundredths acres, owned by the C. M. Shay Fertilizer Company, in the immediate vicinity of the property now owned and occupied by the United States as a submarine base at New London, Connecticut, including all easements, rights of way, riparian and other rights appurtenant thereto, $90,000.

Washington, District of Columbia, Navy Yard: For yard improvements, $5,000,000.

Handling appliances: For three fifty-ton cranes for use at navy yards, $450,000.

Training camps: For construction and equipment of training camps, including the rental of land, $6,000,000.

Marine railways: For marine railways at navy yards and stations, $375,000.

Ordnance stations: For improvements at stations under the jurisdiction of the Bureau of Ordnance, $2,250,000.

The appropriation of $10,000 for expenses of a commission of naval officers to investigate the question of navy yards and naval stations, contained in the naval appropriation Act for the fiscal year nineteen hundred and seventeen, is continued and made available during the fiscal year nineteen hundred and eighteen.

Naval Operating Base, Hampton Roads, Virginia: For cold storage, $300,000.

Temporary storage: For temporary storage, $1,000,000

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BUREAU OF STEAM ENGINEERING.

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For additional amount for the establishment of a high-power radio station on the island of Porto Rico, $200,000.

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INCREASE OF THE NAVY.

For acquiring and providing facilities for the expeditious construction of additional torpedo-boat destroyers, and for each and every purpose connected therewith, and toward their construction, to cost in all not more than $350,000,000, or so much thereof as may be necessary, to be expended at the direction and in the discretion of the President.

The President is hereby authorized and empowered, within the amount hereinbefore authorized, to acquire or provide facilities additional to those now in existence for

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the construction of torpedo-boat destroyers, their hulls, machinery, and appurtenances, including the immediate taking over for the United States of the possession of and title to land, its appurtenances and improvements, which he may find necessary in this connection.

That if said lands and appurtenances and improvements shall be taken over as aforesaid, the United States shall make just compensation therefor, to be determined by the President, and if the amount thereof, so determined by the President, is unsatisfactory to the person entitled to receive the same, such person shall be paid seventy-five per centum of the amount so determined by the President and shall be entitled to sue the United States to recover such further sum as added to said seventy-five per centum will make up such amount as will be just compensation therefor, in the manner provided for by section twenty-four, paragraph twenty, section one hundred and forty-five of the Judicial Code.

Upon the taking over of said property by the President as aforesaid the title to all property so taken over shall immediately vest in the United States

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[PUBLIC—No. 109—65TH CONGRESS.]

[H. R. 9867.]

AN ACT Making appropriations to supply urgent deficiencies in appropriations for the fiscal year ending June thirtieth, nineteen hundred and eighteen, and prior fiscal years, on account of war expenses, and for other purposes.

CONTINGENT, NAVY.

* * * *Provided*, That not exceeding $25,000 of this appropriation shall be available for special allowances for maintenance to officers of the Navy serving under unusual conditions outside the United States and its insular possessions.

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BUREAU OF NAVIGATION.

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Outfits on first enlistment: Outfits for all enlisted men and apprentice seamen of the Navy on first enlistment, at not to exceed $60 each; for the clothing gratuity of officers and men of the Naval Reserve Force, $50 each for officers and $30 each for men in time of peace and $150 each for officers and $60 each for men in time of war when called to active duty, $1,000,000.

* * * * *

PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

Hospital construction: For temporary hospital construction and repairs, as may be necessary, at points not provided with suitable hospital facilities, and for buildings for naval medical supplies, $2,750,000.

Training camps: For construction and equipment of training camps, including the rental of land, $12,000,000.

Power plants: For improvements to central power plants and distributing systems, navy yards and stations, $3,500,000.

Ordnance stations: For improvements at stations under jurisdiction of the Bureau of Ordnance, $2,500,000.

Temporary storage: For temporary storage, $500,000.

Improvement and equipment of navy yards: To enable the Secretary of the Navy to add to the equipment of navy yards suitable and necessary machinery, implements, building, ways, and other facilities for the construction of ships, $1,570,000.

Hampton Roads, Virginia, naval operating base: For additional for payment of compensation for property

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taken over under the authority contained in the deficiency appropriation Act approved June fifteenth, nineteen hundred and seventeen, $55,072.25, or so much thereof as may be necessary.

Naval prison: For a temporary prison, including all necessary equipment, auxiliary structures and facilities, $200,000.

Purchase of land for warehouses, South Brooklyn, New York: For the purchase of land for terminal warehouses between Twenty-eighth and Thirty-second Streets and Second and Third Avenues, South Brooklyn, New York, $560,000, or so much thereof as may be necessary.

* * * * *

COAST GUARD CUTTERS.

The total limit of cost of the five Coast Guard cruising cutters, fixed at $2,250,000 by the naval appropriation Act approved March fourth, nineteen hundred and seventeen, is increased to $3,500,000: *Provided*, That if in the judgment of the Secretary of the Navy the most rapid and economical construction of the foregoing vessels can be obtained thereby, he may contract, within the limit of cost herein named, for the construction of said vessels upon the basis of actual cost plus a reasonable profit to be determined by him.

* * * * *

NAVAL ACADEMY.

Dairy (reimbursable): For the purchase of the necessary additional cattle and work animals, machinery and implements, erection of additional buildings, and for all other purposes necessary to increase the stock and equipment of the Naval Academy dairy and farm, located at Gambrills, Maryland, $55,000: *Provided*, That the amount appropriated for this purpose shall be treated as an advance to the midshipmen's store fund at the Naval Academy, to be ultimately returned to the United States: *Provided further*, That expenditures hereunder shall be reported by the Chief of the Bureau of Supplies and Accounts to the Secretary of the Navy in the same manner as now prescribed by law for the midshipmen's store fund.

Midshipmen's store fund (reimbursable): The Secretary of the Navy is authorized to advance to the midshipmen's store fund at the Naval Academy the sum of $50,000 under "General account of advances," said sum to be used for the purchase of stores and to be accounted for in the same manner as is provided for the midshipmen's store fund in the Act approved May thirteenth, nineteen hundred and eight, and to be repaid into the Treasury not later than December thirty-first, nineteen hundred and nineteen.

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[PUBLIC—No. 140—65TH CONGRESS.]

[H. R. 10783.]

AN ACT To authorize the Secretary of the Navy to increase the facilities for the proof and test of ordnance material, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Navy is hereby authorized to expend the sum of $1,000,000, or any part thereof, in his discretion, for the purpose of increasing the facilities for the proof and test of ordnance material, including necessary buildings, construction, equipment, railroad, and water facilities, land and damages and losses to persons, firms, and corporations resulting from the procurement of the land for this purpose, and also all necessary expenses incident to the procurement of said land: *Provided,* That if such lands and appurtenances and improvements attached thereto, can not be procured by purchase within one month after the passage of this Act the President is hereby authorized and empowered to take over for the United States the immediate possession and title of such lands and improvements, including all easements, rights of way, riparian, and other rights appurtenant thereto, of any land selected by him to be used for the carrying out of the purposes of this Act. That if said land and appurtenances and improvements shall be taken over as aforesaid, the United States shall make just compensation therefor, to be determined by the President, and if the amount thereof so determined by the President is unsatisfactory to the person entitled to receive the same, such person shall be paid seventy-five per centum of the amount so determined by the President and shall be entitled to sue the United States to recover such further sum, as, added to the said seventy-five per centum, will make up such amount as will be just compensation therefor, in the manner provided for by section twenty-four, paragraph twenty, and section one hundred and forty-five of the Judicial Code. Upon the taking over of said property by the President as aforesaid, the title to all such property so taken over shall immediately vest in the United States. For the purposes of this Act there is hereby appropriated out of any money in the Treasury of the United States not otherwise appropriated the sum of $1,000,000, or so much thereof as may be necessary: *Provided,* That no railroad shall be built in the District of Columbia under this Act, until Congress has approved the point from which such road may start and also the route to be followed in the District of Columbia.

Approved, April 26, 1918.

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SIXTY-FIFTH CONGRESS, SECOND SESSION—JUNE 4, 1918.

[PUBLIC—No. 164—65TH CONGRESS.]

[H. R. 12280.]

AN ACT Making appropriations to supply additional urgent deficiencies in appropriations for the fiscal year ending June thirtieth, nineteen hundred and eighteen, on account of war expenses and for other purposes.

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PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

Training camps: For construction and equipment of training camps, including the rental of land, $11,000,000.

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[PUBLIC—No. 182.]

[H. R. 10854.]

An Act Making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and nineteen, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending June thirtieth, nineteen hundred and nineteen, and for other purposes:

GENERAL EXPENSES.

The Secretary of the Navy shall send to Congress at the beginning of its next regular session a complete schedule or list showing the amount of money of all pay and for all allowances for each grade of officers in the Navy, including retired officers, and for all officers included in this Act and for all enlisted men so included.

PAY, MISCELLANEOUS.

For commissions and interest; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of civilian employees, and for actual and necessary traveling expenses of midshipmen while proceeding from their homes to the Naval Academy for examination and appointment as midshipmen; for actual traveling expenses of female nurses; actual expenses of officers while on shore patrol duty; mileage to officers of the Naval Reserve Force traveling under orders of the Secretary of the Navy; hire of launches or other small boats in Asiatic waters; for rent of buildings and offices not in navy yards, including the rental of offices in the District of Columbia; expenses of courts-martial, prisoners and prisons, and courts of inquiry, boards of inspection, examining boards, with clerks, and witnesses' fees, and traveling expenses and costs; expenses of naval defense districts; stationery and recording; religious books; newspapers and periodicals for the naval service; all advertising for the Navy Department and its bureaus (except advertising for recruits for the Bureau of Navigation); copying; ferriage; tolls; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; recovery of valuables from shipwrecks; quarantine expenses; reports; professional investigation; cost of special instruction at home and abroad, including maintenance of students and attachés; information from abroad and at home, and the collection and classification thereof; all charges pertaining to the Navy Department and its bureaus for ice for the cooling of drinking water on shore (except at naval hospitals), telephone rentals and tolls, telegrams, cablegrams, and postage, foreign and domestic, and post-office box rentals; and

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other necessary and incidental expenses: *Provided*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for clerical, inspection, and messenger service in navy yards, naval stations, for the fiscal year ending June thirtieth, nineteen hundred and nineteen, shall not exceed $500,000, and for necessary expenses for the interned persons and prisoners of war under the jurisdiction of the Navy Department, including funeral expenses for such interned persons or prisoners of war as may die while under such jurisdiction; in all, $4,350,000: *Provided*, That hereafter the Secretary of the Navy is authorized to consider, ascertain, adjust, determine, and pay the amounts due on all claims for damages to and loss of private property of inhabitants of any European country not an enemy or ally of an enemy when the amount of the claim does not exceed the sum of $1,000, occasioned and caused by men in the naval service during the period of the present war, all payments in settlement of such claims to be made out of "Pay, Miscellaneous."

The Act entitled "An Act to provide additional protection for the owners of patents of the United States, and for other purposes," approved June twenty-fifth, nineteen hundred and ten, shall be, and the same is hereby, amended to read as follows, namely:

"That whenever an invention described in and covered by a patent of the United States shall hereafter be used or manufactured by or for the United States without license of the owner thereof or lawful right to use or manufacture the same, such owner's remedy shall be by suit against the United States in the Court of Claims for the recovery of his reasonable and entire compensation for such use and manufacture: *Provided, however*, That said Court of Claims shall not entertain a suit or award compensation under the provisions of this Act where the claim for compensation is based on the use or manufacture by or for the United States of any article heretofore owned, leased, used by, or in the possession of the United States: *Provided further*, That in any such suit the United States may avail itself of any and all defenses, general or special, that might be pleaded by a defendant in an action for infringement, as set forth in Title Sixty of the Revised Statutes, or otherwise: *And provided further*, That the benefits of this Act shall not inure to any patentee who, when he makes such claim, is in the employment or service of the Government of the United States, or the assignee of any such patentee; nor shall this Act apply to any device discovered or invented by such employee during the time of his employment or service."

The Secretary of the Navy is authorized in leasing water-front property from any State or municipality where the State law or charter of the municipality requires that the improvements placed upon leased lands shall at the termination of the lease become the property of the State or municipality, to provide, as a part or all of the consideration therefor, that improvements placed thereon by the United States shall become the property of the lessor upon the expiration of the lease or any renewal thereof.

That hereafter the Secretary of the Navy is authorized to cause vessels under his control adapted to the purpose, to afford salvage service to public or private vessels in distress: *Provided*, That when such salvage service is rendered by a vessel specially equipped for the purpose or by a tug, the Secretary of the Navy may determine and collect reasonable compensation therefor.

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CONTINGENT, NAVY: For all emergencies and extraordinary expenses, exclusive of personal services in the Navy Department, or any of its subordinate bureaus or offices at Washington, District of Columbia, arising at home or abroad, but impossible to be anticipated or classified, to be expended on the approval and authority of the Secretary of the Navy, and for such purposes as he may deem proper, $150,000: *Provided*, That this appropriation shall be available for special allowances for maintenance to officers of the Navy serving under unusual conditions outside the United States and its insular possessions.

TEMPORARY GOVERNMENT FOR WEST INDIAN ISLANDS: For expenses incident to the occupation of the Virgin Islands and to the execution of the provisions of the Act providing a temporary government for the West Indian Islands acquired by the United States from Denmark, and for other purposes, approved March third, nineteen hundred and seventeen, to be applied under the direction of the President, $200,000.

For actual expenses incurred by and in connection with the civilian Naval Consulting Board, $100,000.

INVESTIGATION OF FUEL OIL: For an investigation of fuel oil and gasoline adapted to naval requirements, including the question of supply and storage and the availability economically and otherwise of such supply as may be afforded by the naval reserves on the public domain, and for such other expenses for transportation and hire of vehicles in connection with naval petroleum reserves as the Secretary of the Navy may deem appropriate; for the purchase of necessary instruments and appliances; for the extension of the naval fuel-oil testing plant at the navy yard, Philadelphia, Pennsylvania, and the temporary employment of civilian experts and assistants, $60,000.

AVIATION: For aviation, to be expended under the direction of the Secretary of the Navy for procuring, producing, constructing, operating, preserving, storing, and handling aircraft, establishment and maintenance of aircraft stations, including the acquisition of land by purchase, donation, or condemnation; and for experimental work in development of aviation for naval purposes, $220,383,119: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for drafting, clerical, inspection, and messenger service for aircraft stations shall not exceed $300,000: *Provided further*, That the Secretary of the Navy is hereby authorized to consider, ascertain, adjust, determine, and pay out of this appropriation the amounts due on claims for damages which have occurred or may occur to private property growing out of the operations of naval aircraft.

STATE MARINE SCHOOLS: To reimburse the State of New York, $25,000, the State of Massachusetts, $25,000, and the State of Washington, $25,000, for expenses incurred in the maintenance and support of marine schools in those States in accordance with section two of the Act entitled "An Act for the establishment of marine schools, and for other purposes," approved March fourth, nineteen hundred and eleven; in all, $75,000.

CARE OF LEPERS, ISLAND OF GUAM: Naval station, island of Guam: Maintenance and care of lepers, special patients, and for other purposes, including cost of transfer of lepers from Guam to the island of Culion, in the Philippines, and their maintenance, $20,000.

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BUREAU OF NAVIGATION.

Transportation: For travel allowance of enlisted men discharged on account of expiration of enlistment; transportation of enlisted men and apprentice seamen and applicants for enlistment at home and abroad, with subsistence and transfers en route, or cash in lieu thereof; transportation to their homes, if residents of the United States, of enlisted men and apprentice seamen discharged on medical survey, with subsistence and transfers en route, or cash in lieu thereof; transportation of sick or insane enlisted men and apprentice seamen to hospitals, with subsistence and transfers en route, or cash in lieu thereof; transportation of enlisted men of the Naval Reserve Force to and from duty, with subsistence and transfers en route, or cash in lieu thereof; transportation of civilian officers and crews of naval auxiliaries; apprehension and delivery of deserters and stragglers, and for railway guides and other expenses incident to transportation; expenses of recruiting for the naval service; rent of rendezvous and expenses of maintaining the same; purchase, rental, maintenance, operation, exchange, and repair of motor-propelled passenger-carrying vehicles for official use; advertising for and obtaining men and apprentice seamen; actual and necessary expenses in lieu of mileage to officers on duty with traveling recruiting parties, $12,000,000.

Recreation for enlisted men: For the recreation, amusement, comfort, and contentment of enlisted men of the Navy afloat and under training ashore, to be expended in the discretion of the Secretary of the Navy, under such regulations as he may prescribe: *Provided*, That no person shall be employed hereunder at a rate of compensation exceeding $1,800 per annum, $150,000.

Contingent: Ferriage, continuous-service certificates, discharges, good-conduct badges, and medals for men and boys, including civilian employees who render conspicuous service by putting their life in jeopardy to save life or property; purchase of gymnastic apparatus; transportation of effects of deceased officers and enlisted men of the Navy, and of officers and enrolled men of the Naval Reserve Force who die while on duty; books for training apprentice seamen and landsmen; maintenance of gunnery and other training classes; packing boxes and materials; books and models; stationery; and other contingent expenses and emergencies arising under cognizance of the Bureau of Navigation, unforeseen and impossible to classify, $20,000.

GUNNERY AND ENGINEERING EXERCISES: Prizes, trophies, and badges for excellence in gunnery, target practice, engineering exercises, and for economy in coal consumption, to be awarded under such rules as the Secretary of the Navy may formulate; for the purposes of printing, recording, classifying, compiling, and publishing the rules and results; for the establishment and maintenance of shooting galleries, target houses, targets and ranges; for hiring established ranges, and for transporting the civilian assistants and equipment to and from ranges, $425,000.

OUTFITS ON FIRST ENLISTMENT: Outfits for all enlisted men and apprentice seamen of the Navy on first enlistment, at not to exceed $100 each; for the clothing gratuity of officers and other members of the Naval Reserve Force, not to exceed $150 each for officers; for civilian clothing not to exceed $15 per man to men given discharges for bad conduct, undesirability, or inaptitude; in all, $9,975,000.

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Instruments and supplies: Supplies for seamen's quarters; and for the purchase of all other articles of equipage at home and abroad; and for the payment of labor in equipping vessels therewith and manufacture of such articles in the several navy yards; all pilotage and towage of ships of war; canal tolls, wharfage, dock and port charges, and other necessary incidental expenses of a similar nature; services and materials in repairing, correcting, adjusting, and testing compasses on shore and on board ship; nautical and astronomical instruments and repairs to same; libraries for ships of war, professional books, schoolbooks, and papers; maintenance of gunnery and other training classes; compasses, compass fittings, including binnacles, tripods, and other appendages of ship's compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; photographs, photographic instruments and materials, printing outfit and materials; and for the necessary civilian electricians for gyrocompass testing and inspection, $3,469,800.

OCEAN AND LAKE SURVEYS: Hydrographic surveys, including the pay of the necessary hydrographic surveyors, cartographic draftsmen and recorders, and for the purchase and printing of nautical books, charts, and sailing directions, $155,000: *Provided*, That the Secretary of the Navy is authorized to detail such naval officers as may be necessary to the Hydrographic Office.

That upon the approval of this Act all laws heretofore enacted by the Congress relating to the Naval Militia and the National Naval Volunteers be, and the same hereby are, repealed; and the President is authorized to transfer as a class all members of the National Naval Volunteers to the class "the Naval Reserve," "the Naval Reserve Flying Corps," or "the Marine Corps Reserve" of the Naval Reserve Force or the Marine Corps Reserve, for general service, in the confirmed rank, grade, or rating they now hold in the National Naval Volunteers, regardless of their being members of a State military force, and without examination and the necessity of executing or filing a new oath and acceptance of office; that until such transfer is effected members of the National Naval Volunteers shall retain their present status and be entitled to receive the same pay, allowances, gratuities, and other benefits as heretofore provided by law, and shall continue subject to the laws prescribed for the government of the Navy; that all members of the Naval Reserve Force shall be eligible for reenrollment in the rank, grade, or rating held on the termination of their last enrollment; that no enrollments or promotions shall be made in any rank or grade above that of lieutenant commander, except as herein otherwise provided.

That all laws heretofore enacted by Congress relating to the Medical Reserve Corps and Dental Reserve Corps be, and the same hereby are, repealed: *Provided*, That members of the Medical Reserve Corps and Dental Reserve Corps may be enrolled in the Naval Reserve Force in their present grades and ranks.

That the Act approved August twenty-ninth, nineteen hundred and sixteen, entitled "An Act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and seventeen, and for other purposes" (Statutes at Large, volume thirty-nine, chapter four hundred and seventeen, pages five hundred and seventy-three and five hundred and seventy-four), be, and the

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same is hereby, amended by striking out all of said Act following the caption "Naval Dental Corps" on page five hundred and seventy-three, but preceding the caption "Dental Reserve Corps", on page five hundred and seventy-four, and by substituting therefor the following:

"That the President of the United States is hereby authorized to appoint and commission, by and with the advice and consent of the Senate, dental officers in the Navy at the rate of one for each thousand of the total authorized number of officers and enlisted men of the Navy and Marine Corps, in the grades of assistant dental surgeon, passed assistant dental surgeon and dental surgeon, who shall constitute the Naval Dental Corps, and shall be a part of the Medical Department of the Navy. Original appointments to the Naval Dental Corps shall be made in the grade of assistant dental surgeon with the rank of lieutenant (junior grade), and all dental officers now in the Dental Corps appointed under the provisions of the Act of Congress approved August twenty-second, nineteen hundred and twelve (Statutes at Large, volume thirty-seven, page three hundred and forty-five), or under the provisions of the Act of Congress approved August twenty-ninth, nineteen hundred and sixteen (Statutes at Large, volume thirty-nine, page five hundred and seventy-three), or who may hereafter be appointed, shall take rank and precedence with officers of the Naval Medical Corps of the same rank according to the dates of their respective commissions or original appointments, and all such dental officers shall be eligible for advancement in grade and rank in the same manner and under the same conditions as officers of the Naval Medical Corps with or next after whom they take precedence, and shall receive the same pay and allowances as officers of corresponding rank and length of service in the Naval Medical Corps up to and including the rank of lieutenant commander: *Provided*, That dental surgeons shall be eligible for advancement in pay and allowances, but not in rank, to and including the pay and allowances of commander and captain, subject to such examinations as the Secretary of the Navy may prescribe, except that the number of dental surgeons with the pay and allowances of captain shall not exceed four and one-half per centum and the number of dental surgeons with the pay and allowances of commander shall not exceed eight per centum of the total authorized number of dental officers: *Provided further*, That dental surgeons shall be eligible for advancement to the pay and allowances of commander and captain when their total active service as dental officers in the Navy is such that if rendered as officers of the Naval Medical Corps, it would place them in the list of medical officers with the pay and allowances of commander or captain, as the case may be: *And provided further*, That dental officers who shall have gained or lost numbers on the Navy list shall be considered to have gained or lost service accordingly; and the time served by dental officers on active duty as acting assistant dental surgeons and assistant dental surgeons under provisions of law existing prior to the passage of this Act shall be reckoned in computing the increased service pay and service for precedence and promotion of dental officers herein authorized or heretofore appointed.

"All appointees authorized by this Act shall be citizens of the United States between twetny-one and thirty-two years of age, and shall be graduates of standard medical or dental colleges and trained

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in the several branches of dentistry, and shall, before appointment, have successfully passed mental, moral, physical, and professional examinations before medical and professional examining boards appointed by the Secretary of the Navy, and have been recommended for appointment by such boards: *Provided*, That hereafter no person shall be appointed as assistant dental surgeon in the Navy who is not a graduate of a standard medical or dental college.

"Officers of the Naval Dental Corps shall become eligible for retirement in the same manner and under the same conditions as now prescribed by law for officers of the Naval Medical Corps, except that section fourteen hundred and forty-five of the Revised Statutes of the United States shall not be applicable to dental officers, and they shall not be entitled to rank above lieutenant commander on the retired list, or to retired pay above that of captain.

"All dental officers now serving under probationary appointments shall become immediately eligible for permanent appointment under the provisions of this Act, subject to the examinations prescribed by the Secretary of the Navy for original appointment as dental officers, and may be appointed assistant dental surgeon with the rank of lieutenant (junior grade) to rank from the date of their probationary appointments: *Provided*, That the senior dental officer now at the United States Naval Academy shall not be displaced by the provisions of this Act, and he shall hereafter have the grade of dental surgeon and the rank, pay, and allowances of lieutenant commander, and he shall not be eligible for retirement before he has reached the age of seventy years, except for physical disability incurred in the line of duty: *Provided further*, That no dental officer in the Navy who on original appointment as dental officer was over forty years of age shall be eligible for retirement before he has reached the age of seventy years, except for physical disability incurred in line of duty.

"All Acts or parts of Acts inconsistent with the provisions of this Act relating to the Dental Corps of the Navy are hereby repealed: *Provided*, That nothing herein contained shall be construed to legislate out of the service any officer now in the Medical Department of the Navy or to reduce the rank; pay, or allowances now authorized by law for any officer of the Navy."

That the provisions of the Act entitled "An Act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and seventeen, and for other purposes," approved August twenty-ninth, nineteen hundred and sixteen, are hereby amended as follows:

Strike out that part of the fourth paragraph under the subcaption "Fleet Naval Reserve" which reads as follows: "Men enrolled in the Fleet Naval Reserve with less than eight years' naval service shall be paid at the rate of $50 per annum, those with eight or more years' and less than twelve years' naval service shall be paid at the rate of $72 per annum; and those with twelve or more years' naval service shall be paid at the rate of $100 per annum, such pay to be considered as retainer pay for the obligation on the part of such members to serve in the Navy in time of war or national emergency," and substitute therefor the following:

"The retainer pay of the enrolled men of the Fleet Naval Reserve shall be the same as for the enrolled men of the Naval Reserve and shall be computed in like manner: *Provided*, That nothing herein

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shall operate to reduce the retainer pay allowed by existing law to enlisted men who, after sixteen years' or more naval service, are transferred to the Fleet Naval Reserve, nor to deny to such enlisted men their privilege of retirement upon completing thirty years' naval service as now provided by law."

Strike out the first paragraph under the subcaption "Naval Reserve," and substitute the following:

"Members of the Naval Reserve Force who have enrolled for general service and are citizens of the United States are eligible for membership in the Naval Reserve. No person shall be enrolled in or transferred to this class unless he establishes satisfactory evidence as to his qualifications for duty on board combatant ships of the Navy."

That the age limits for the several ranks, grades, and ratings on first enrollment in the Naval Reserve shall be as prescribed by the Secretary of the Navy.

That the minimum active service required for maintaining the efficiency of a member of the Naval Reserve shall be two months during each term of enrollment and an attendance at not less than thirty-six drills during each year, or other equivalent duty. The active service may be in one period or in periods of not less than fifteen days each.

That the annual retainer pay of members of the Naval Reserve Force, except officers in the Naval Auxiliary Reserve and transferred members of the Fleet Naval Reserve, after confirmation in rank, grade, or rating, shall be the equivalent of two months' base pay of the corresponding rank, grade, or rating in the Navy, but the highest base pay upon which the retainer pay of officers of the Naval Reserve Force shall be computed shall not be greater than the base pay of a lieutenant commander. Service in the Navy, Marine Corps, National Naval Volunteers, and Naval Militia shall be counted as continuous service in the Naval Reserve Force, both for the purpose of retirement and of computing retainer pay: *Provided*, That no member of the Naval Reserve Force shall be eligible for retirement other than for physical disability incurred in line of duty: *Provided further*, That no retainer pay of any member of the Naval Reserve Force except those enlisted men transferred to the Fleet Naval Reserve after sixteen or twenty or more years' naval service shall be in excess of the amount authorized to members having had sixteen years' continuous service therein.

That in time of peace the Secretary of the Navy is authorized, in his discretion, to order any member of the Naval Reserve Force, with his consent, who has been confirmed in his rank, grade, or rating, to perform any duty afloat for any period of time for which his services may be required: *Provided*, That such members may be relieved from duty by the Secretary of the Navy at any time and shall upon their own application be released from said duty within four months from the date of their application therefor.

That the uniform gratuity for the members, other than officers, of each class of the Naval Reserve Force shall be the same as that prescribed for enlisted men of the Navy, but in time of peace the Secretary of the Navy shall prescribe the portion of the clothing gratuity to be issued to such members, other than officers, of the Naval Reserve Force.

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That in time of peace no member of any class of the Naval Reserve Force shall be entitled to retainer pay when assigned to active duty for purposes other than training.

That no part of the clothing gratuity credited to members of the Naval Reserve Force shall be deducted from their accounts where said members accept or have accepted temporary appointments in the Navy in time of war or other national emergency.

That members of the Naval Reserve Force shall upon reaching the age of sixty-four years be disenrolled except that in time of war or other national emergency such members of the Naval Reserve Force, if in active service, may be continued therein during such period as the Secretary of the Navy may determine, but not longer than six months after said war or other national emergency shall cease to exist.

That no officer of any class of the Naval Reserve Force shall in time of peace be promoted above the grade of lieutenant commander, but in time of war or other national emergency officers of the Naval Reserve Force of and above the rank of lieutenant commander in active service shall be eligible for selection for promotion to the next higher grade or rank by the same board of officers that selects officers of the United States Navy for promotion to such higher ranks and grades, under the same rules and regulations as apply to the selection for promotion of officers of the United States Navy. The promotion of officers of the Naval Reserve Force below the rank of lieutenant commander shall at all times be in accordance with such regulations as the Secretary of the Navy may prescribe.

That when on active duty officers of the Naval Reserve Force shall take precedence among themselves and with other officers of the naval service in their respective grades or ranks according to the dates of their commissions or provisional assignment of rank in the Naval Reserve Force: *Provided*, That all officers of the Naval Reserve Force of and above the rank of lieutenant commander shall rank with but after officers of the same rank or grade in the United States Navy, except that in time of war or other national emergency such officers of the Naval Reserve Force shall have a date of precedence with officers of the United States Navy as of the date of general mobilization, to be established by the Secretary of the Navy: *Provided further*, That during the present emergency the date of precedence of all officers of the Naval Reserve Force shall be as prescribed by the Secretary of the Navy.

No officer of the Naval Coast Defense Reserve or officer of the Naval Reserve Flying Corps shall exercise command except within his particular department or service for the due performance of his respective duties.

Members of the Naval Reserve Force when employed in active service, ashore or afloat, under the Navy Department shall receive the same pay and allowances as received by the officers and enlisted men of the Regular Navy of the same rank, grades, or ratings and of the same length of service, which shall include service in the Navy, Marine Corps, Naval Reserve Force, Naval Militia, National Naval Volunteers, or Marine Corps Reserve.

That the unexpended and unobligated portion of all moneys heretofore appropriated, and the appropriation authorized by section ten of Public Numbered Fifty-seven, Sixty-third Congress,

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approved February sixteenth, nineteen hundred and fourteen, for the training and equipment of the Naval Militia and the National Naval Volunteers, for the clerical force and the office expenses of the Division of Naval Militia Affairs, and the property loaned by the Navy Department for the arming and equipping of the Naval Militia shall be, and hereby are, made available for training and equipping the Naval Reserve Force and for the purchase, rental, and maintenance of suitable armories therefor, including the acquisition of the necessary land upon which such armories may be located.

That the clerical force and office expenses provided for the Division of Naval Militia Affairs shall be transferred to the Bureau of Navigation.

Enrolled members of the Naval Reserve Force when in active service shall be subject to the laws, regulations, and orders for the government of the Regular Navy, and the Secretary of the Navy may, in his discretion, permit the members of the Naval Reserve Force to wear the uniform of their respective ranks, grades, or ratings while not in active service, and such members shall, for any act committed by them while wearing the uniform of their respective ranks, grades, or ratings, be subject to the laws, regulations, and orders for the government of the Regular Navy.

NAVAL TRAINING STATION, CALIFORNIA: Maintenance of naval training station, Yerba Buena Island, California: Labor and material; buildings and wharves; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same, including the maintenance, repair, and operation of one horse-drawn passenger-carrying vehicle to be used only for official purposes; fire engines and extinguishers; gymnastic implements, models, and other articles needed in instruction of apprentice seamen; printing outfit and materials, and maintenance of same; heating and lighting; stationery, books, schoolbooks, and periodicals; fresh water, and washing; packing boxes and materials; and all other contingent expenses; maintenance of dispensary building; lectures and suitable entertainments for apprentice seamen; in all, $225,000.

NAVAL TRAINING STATION, RHODE ISLAND: Maintenance of naval training station, Coasters Harbor Island, Rhode Island: Labor and material; buildings and wharves; dredging channels; extending sea walls; repairs to causeway and sea wall; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same, including the maintenance, repair, and operation of two horse-drawn passenger-carrying vehicles to be used only for official purposes; fire engines and extinguishers; gymnastic implements; models and other articles needed in instruction of apprentice seamen; printing outfit and materials, and maintenance of same; heating and lighting; stationery, books, schoolbooks, and periodicals; fresh water, and washing; packing boxes and materials; and all other contingent expenses; lectures and suitable entertainments for apprentice seamen; in all, $350,000: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, drafting, inspection, and messenger service for the fiscal

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year ending June thirtieth nineteen hundred and nineteen, shall not exceed $15,701.60.

NAVAL TRAINING STATION, GREAT LAKES: Maintenance of naval training station: Labor and material; general care, repairs, and improvements of grounds, buildings, and piers; street car fare; purchase and maintenance of live stock, and attendance on same; motor-propelled vehicles, wagons, carts, implements, and tools, and repairs to same, including the maintenance, repair, and operation of one motor-propelled passenger-carrying vehicle, and one horse-drawn passenger-carrying vehicle to be used only for official purposes; fire apparatus and extinguishers; gymnastic implements; models and other articles needed in instruction of apprentice seamen; printing outfit and material, and maintenace of same; heating and lighting, and repairs to power-plant equipment, distributing mains, tunnel, and conduits; stationery, books, schoolbooks, and periodicals; washing; packing boxes and materials; lectures and suitable entertainments for apprentice seamen; and all other contingent expenses: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, drafting, inspection, and messenger service for the fiscal year ending June thirtieth, nineteen hundred and nineteen, shall not exceed $6,000; in all, naval training station, Great Lakes, $725,000.

NAVAL TRAINING STATION, SAINT HELENA: Maintenance of naval training stations at Saint Helena and at naval operating base, Virginia, labor and material, general care, repairs, and improvements; schoolbooks; and all other incidental expenses, $310,000.

ORGANIZING THE NAVAL RESERVE FORCE: For expenses of organizing, administering, and recruiting the Naval Reserve Force, including clerical and messenger hire, office rent, furniture, stationery, and postage, printing, advertising, and other necessary expenses, $200,000.

SCHOOLS OR CAMPS OF INSTRUCTION, NAVAL RESERVE FORCE: For assembling, training, and instructing recruits and reserves of all classes, including the crews of section patrols, submarines and submarine chasers, and beach patrols, and for all purposes connected therewith, $2,655,360.

NAVAL WAR COLLEGE, RHODE ISLAND: For maintenance of the Naval War College on Coasters Harbor Island, including the maintenance, repair, and operation of one horse-drawn passenger-carrying vehicle to be used only for official purposes; and care of grounds for same, $35,250; services of a professor of international law, $2,000; services of civilian lecturers, rendered at the War College, $300; care and preservation of the library, including the purchase, binding, and repair of books of reference and periodicals, $1,300: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, inspection, drafting, and messenger service for the fiscal year ending June thirtieth, nineteen hundred and nineteen, shall not exceed $22,500; in all, Naval War College, Rhode Island, $38,850.

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA, PAY OF EMPLOYEES: One secretary, $1,800; one foreman mechanic, $1,800; one superintendent of grounds, at $900; one steward, at $900; one store laborer, at $540; one matron and office assistant, at $600; one beneficiaries' attendant, at $360; one chief cook, at $540; one assistant cook, at $420; one assistant cook, at $360; one chief laundress, at $300; five

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laundresses, at $240 each; one chief scrubber, at $300; three scrubbers, at $240 each; one head waitress, at $360; eight waitresses, at $240 each; one kitchen attendant, at $420; nine laborers, at $420 each; one stable keeper and driver, at $540; one master at arms, at $720; two house corporals, at $480 each; one barber, at $480; one carpenter, at $960; one painter, at $960; one painter, at $840; one engineer, $960; four laborers, at $600 each; two laborers, at $660 each; one laborer, at $420; total for employees, $27,840.

MAINTENANCE: Water rent, heating, and lighting; cemetery, burial expenses and headstones; general care and improvements of grounds, buildings, walls, and fences; repairs to power-plant equipment, implements, tools, and furniture, and purchase of the same; music in chapel and entertainments for beneficiaries; stationery, books, and periodicals; transportation of indigent and destitute beneficiaries to the Naval Home, and of sick and insane beneficiaries, their attendants and necessary subsistence for both, to and from other Government hospitals; employment of such beneficiaries in and about the Naval Home as may be authorized by the Secretary of the Navy, on the recommendation of the governor; support of beneficiaries, and all other contingent expenses, including the maintenance, repair, and operation of three horse-drawn passenger-carrying vehicles, to be used only for official purposes, $87,805; in all, for Naval Home, $115,645, which sum shall be paid out of the income from the naval pension fund.

That the authorized enlisted strength of the active list of the Navy is hereby increased from eighty-seven thousand to one hundred and thirty-one thousand four hundred and eighty-five.

That the Act approved May twenty-second, nineteen hundred and seventeen (Statutes at Large, volume forty, page eighty-five), entitled "An Act to temporarily increase the commissioned and warrant and enlisted strength of the Navy and Marine Corps, and for other purposes," be, and the same is hereby, amended by striking out all of the first and second sections of said Act, after the enacting clause, and by substituting therefor the following:

"That the authorized enlisted strength of the active list of the Navy is hereby temporarily increased from one hundred and thirty-one thousand four hundred and eighty-five to one hundred and eighty-one thousand four hundred and eighty-five; the authorized number of apprentice seamen is hereby temporarily increased from six thousand to twenty-four thousand; and the authorized number of enlisted men of the Flying Corps is hereby temporarily increased from three hundred and fifty to ten thousand: *Provided*, That the phrase 'authorized enlisted strength,' as applied to the personnel of the Navy, shall mean the total number of enlisted men of the Navy authorized by law, exclusive of the Hospital Corps, apprentice seamen, those sentenced by court-martial to discharge, those detailed for duty with Naval Militia, those furloughed without pay, enlisted men of the Flying Corps, and those under instruction in trade schools: *Provided further*, That the number of enlisted men for instruction in trade schools shall not at any time exceed fourteen thousand, which number is hereby temporarily authorized: *Provided further*, That the President is authorized, at any time during the period of the present war, when in his judgment it becomes necessary, temporarily to

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increase the authorized enlisted strength of the Navy, as provided for herein, by the addition of fifty thousand men."

"SEC. 2. That the authorized enlisted strength of the active list of the Marine Corps is hereby temporarily increased from seventeen thousand four hundred to seventy-five thousand five hundred, this authorized strength being distributed in the various grades of the enlisted force in the same proportion as those authorized at the date of the approval of this Act: *Provided*, That not more than twenty-five per centum of the authorized number of privates in the Marine Corps shall have the rank of private, first class, which rank is hereby established in the Marine Corps."

The rank and title of Major General is hereby created in the Marine Corps, and the President is authorized to nominate, and, by and with the advice and consent of the Senate, to appoint one Major General, who shall at all times be junior in rank to the Major General Commandant, and also one temporary Major General in the Marine Corps, who shall at all times be junior to the permanent Major General.

That the said Act of May twenty-second, nineteen hundred and seventeen, Statutes at Large, volume forty, page eighty-five, be, and the same is hereby, amended by striking out the word "lieutenant" in lines five and fourteen of section four thereof, and substituting therefor the words "lieutenant commander" and adding at the end of section four the following proviso: *Provided further*, That based on the temporary increase of enlisted men of the Marine Corps herein authorized, the President, by and with the advice and consent of the Senate, is authorized, in his discretion, temporarily to appoint not exceeding six brigadier generals, twenty-two colonels, and twenty-two lieutenant colonels in the Marine Corps in addition to the number permanently allowed by law in those grades; said temporary appointments shall continue in force only until otherwise directed by the President or until Congress shall amend or repeal the same and not later than six months after the termination of the present war; by striking out the words "commissioned warrant officers, warrant officers, and" in lines fourteen and fifteen of section five thereof; and by inserting after the semicolon in line thirty-one of section five, the following: "*Provided further*, That temporary appointments as chief warrant officers may be made by the President, with the consent of the Senate," so that said sections, as amended, will read as follows:

"SEC. 4. Additional commissioned officers in the Navy and Marine Corps, based upon the temporary increases herein authorized in the number of enlisted men, shall be temporarily appointed by the President, in his discretion, with the advice and consent of the Senate, not above the grades and ranks of lieutenant commander in the line and staff of the Navy and major in the Marine Corps, the distribution in said grades and ranks to be made in accordance with the provisions of the Act of August twenty-ninth, nineteen hundred and sixteen: *Provided*, That all temporary original appointments shall be made in the lowest commissioned grades of the line and staff of the Navy and Marine Corps, exclusive of commissioned warrant officers, and that there shall be no permanent or temporary appointments in or permanent or temporary promotions to any grade or rank above that of lieutenant commander in the Navy

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or major in the Marine Corps by reason of the temporary appointment of officers authorized by this Act in excess of the total number of officers authorized by existing law or on account of the increase of enlisted men herein authorized: *Provided further*, That, during the period of the present war, the deficiency existing prior to the passage of this Act in the total number of commissioned officers of the Navy and Marine Corps authorized by the Act of August twenty-ninth, nineteen hundred and sixteen, may also be supplied by temporary appointments in the lowest grades and by temporary promotions to all other grades until a sufficient number of officers shall be available for regular appointment or promotion in accordance with existing law: *Provided further*, That nothing herein shall be held or construed to limit or abridge the use or service of the officers of the Navy and Marine Corps on the retired list or of the officers of the Naval Militia and National Naval Volunteers, Naval Reserve Force, and Marine Corps Reserve, as provided and authorized under existing law: *Provided further*, That temporary chaplains and temporary acting chaplains in the Navy may be appointed for service during the period of the war in the proportion of the personnel of the Navy as now prescribed by existing law: *Provided further*, That, based on the temporary increase of enlisted men of the Marine Corps herein authorized, the President, by and with the advice and consent of the Senate, is authorized, in his discretion, temporarily to appoint not exceeding six brigadier generals, twenty-two colonels, and twenty-two lieutenant colonels in the Marine Corps in addition to the number permanently allowed by law in those grades; said temporary appointments shall continue in force only until otherwise directed by the President or until Congress shall amend or repeal the same and not later than six months after the termination of the present war.

"SEC. 5. That the additional temporary officers authorized in the various grades and ranks of the Navy and Marine Corps in accordance with the next preceding section may be temporarily appointed to serve in the grades or ranks to which appointed or promoted by the temporary advancement of officers holding permanent and probationary commissions, by temporary appointment of commissioned warrant officers, warrant officers, and enlisted men of the Navy, and warrant officers, noncommissioned officers, and clerks to assistant paymasters of the Marine Corps, commissioned and warrant officers of the United States Coast Guard, citizens of the United States who have had previous naval or military service or training, and other citizens of the United States specially qualified: *Provided*, That such chief warrant officers as are given the temporary appointments provided herein who were chief warrant officers in the permanent Navy on July first, nineteen hundred and seventeen, and were not given such temporary appointments as of that date because of age restriction or ill health, shall take rank and precedence with the other chief warrant officers temporarily appointed as of July first, nineteen hundred and seventeen, and according to their seniority as chief warrant officers in the permanent service: *Provided further*, That in making appointments authorized herein the maximum age limit shall be fifty years for enlisted men to ensign, enlisted men of the Navy to warrant rank, noncommissioned officers of the Marine Corps to commissioned rank, members of the Marine Corps branch of the Naval Militia and

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National Naval Volunteers, Marine Corps Reserve, and civilians specially qualified to commissioned rank, and temporary chaplains and temporary acting chaplains: *Provided further*, That graduates of the Naval Academy and warrant officers duly commissioned in the Navy or Marine Corps in accordance with existing law shall not, by virtue of this Act, be required to receive temporary appointments; and the class of midshipmen graduated from the Naval Academy on March twenty-ninth, nineteen hundred and seventeen, and the classes to be graduated hereafter, may be commissioned effective from date of graduation: *Provided further*, That temporary appointments as warrant officers of the Navy may be made by the Secretary of the Navy: *Provided further*, That temporary appointments as chief warrant officers may be made by the President with the consent of the Senate: *Provided further*, That the temporary appointment for the war of seventy-six additional marine gunners, and seventy-six additional quartermaster clerks, is authorized: *Provided further*, That lieutenants (junior grade) and ensigns may be considered eligible for temporary promotions to the grades of lieutenant and lieutenant (junior grade), respectively, without regard to length of service in grade."

That hereafter the Chief of Naval Operations shall receive the allowances which are now or may hereafter be prescribed by or in pursuance of law for the grade of general in the Army, and the officers of the Navy holding the rank and title of Admiral and Vice Admiral in the Navy while holding such rank and title shall receive the allowances of a General and Lieutenant General of the Army, respectively. And hereafter chiefs of bureaus of the Navy Department, including the Judge Advocate General of the Navy, shall, while so serving, have corresponding rank and shall receive the same pay and allowances as are now or may hereafter be prescribed by or in pursuance of law for chiefs of bureaus of the War Department and the Judge Advocate General of the Army.

That nothing contained in the preceding amendments of the Act of May twenty-second, nineteen hundred and seventeen, shall be construed to reduce the pay or allowances now authorized by law for any commissioned, warrant, or appointed officer or any enlisted man of the active or retired lists of the Navy.

That the paragraph in the naval appropriation Act of August twenty-ninth, nineteen hundred and sixteen (Thirty-ninth Statutes at Large, five hundred and eighty), relative to the loss of pay by officers and enlisted men of the Navy and Marine Corps who are absent from duty on account of sickness or disease resulting from their own misconduct, and the making good, by enlisted men, of time so lost, be, and the same is hereby, amended by inserting after the words "on account of," in the second line, the word "injury," followed by a comma, and by inserting after the words "on account of," in the ninth line, the word "injury," followed by a comma.

That hereafter, during the existence of war or of a national emergency declared by the President to exist, any commissioned or warrant officer of the Navy, Marine Corps, or Coast Guard of the United States on the retired list may, in the discretion of the Secretary of the Navy, be ordered to active duty at sea or on shore; and any retired officer performing such active duty in time of war or national emergency, declared as aforesaid, shall be entitled to promotion on

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the retired list to the grade or rank, not above that of lieutenant commander in the Navy or major in the Marine Corps or captian in the Coast Guard, and shall thereafter receive the pay and allowances thereof, which his total active service as an officer both prior and subsequent to retirement, in the manner rendered by him, would have enabled him to attain in due course of promotion had such service been rendered continuously on the active list during the period of time last past.

That during the existence of war or of a national emergency, declared as aforesaid, any commissioned or warrant officer of the Navy, Marine Corps or Coast Guard of the United States on the retired list, while on active duty, may be temporarily advanced to and commissioned in such higher grade or rank on the retired list, not above that of lieutenant commander in the Navy or major in the Marine Corps or captain in the Coast Guard, as the President may determine, and any officer so advanced shall, while on active duty, be entitled to the same pay and allowances as officers of like grade or rank on the active list: *Provided*, That any such commissioned or warrant officer who has been so temporarily advanced in grade or rank shall, upon his relief from active duty, or in any case not later than six months after the termination of the war or of the national emergency, declared as aforesaid, revert to the grade or rank on the retired list and to the pay and allowance status which he would have held had he not been so temporarily advanced: *Provided further*, That nothing in this Act shall operate to reduce the pay and allowances now allowed by law to retired officers.

That the naval appropriation Act of August twenty-ninth, nineteen hundred and sixteen (Thirty-ninth Statutes at Large, page five hundred and seventy-nine), be, and the same is hereby, amended by the insertion of a new proviso immediately after the clause that "On and after June thirtieth, nineteen hundred and twenty, no captain, commander, or lieutenant commander shall be promoted unless he has had not less than two years' actual sea service on sea-going ships in the grade in which serving, or who is more than fifty-six, fifty, or forty-five years of age, respectively," the proviso reading as follows: "*Provided*, That in exceptional cases where officers are specifically designated during war or national emergency declared by the President by the Secretary of the Navy as performing, or as having performed, such highly important duties on shore that their services can not be or could not have been spared from such assignment without serious prejudice to the successful prosecution of the war, the qualification of sea service in the cases of those officers so specifically designated shall not apply while the United States is at war, or during a national emergency declared by the President, or within two and one-half years subsequent to the ending of such war or national emergency."

The provisions of existing laws with reference to promotion by selection in the line of the Navy are hereby extended to include and authorize advancement to the ranks of commander, captain, and rear admiral in the Staff Corps of the Navy under the same conditions in all respects except as may be necessary to adapt the said provisions to such Staff Corps: *Provided*, That boards of selection shall in each case be composed, when practicable, of not less than five members of the corps concerned and promotions shall be made on the basis of fitness

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alone by selection from among the officers of the rank next below: *Provided further*, That the requirements for sea service in grade, length of service in grade and maximum age in grade for promotion shall not apply.

That hereafter the allowances of officers, enlisted men, and student flyers of the naval service shall in no case be increased by reason of the performance of aviation duty.

That the provisions of the Act of May twenty-seventh, nineteen hundred and eight (Thirty-fifth Statutes, pages four hundred and seventeen and four hundred and eighteen), as amended by the Act of August twenty-fourth, nineteen hundred and twelve (Thirty-seventh Statutes, page five hundred and sixty), and as amended by the Act of March fourth, nineteen hundred and seventeen (Thirty-ninth Statutes, page eleven hundred and eighty-eight), are hereby extended to authorize the designation of enlisted men of the Navy or Marine Corps as Navy mail clerks and assistant Navy mail clerks for duty at stations and shore establishments under the jurisdiction of the Navy Department where the services of such mail clerks and assistant mail clerks are necessary.

That hereafter the Secretary of the Navy may determine where and when there are no public quarters available for persons in the Navy and Marine Corps, or serving therewith, within the meaning of any Acts or parts of Acts relating to the assignment of quarters or commutation therefor.

That the Secretary of the Navy is hereby authorized, in his discretion and under such rules and regulations as he may prescribe, to pay cash rewards to civilian employees of the Navy Department or the Naval Establishment or other persons in civil life when due to a suggestion or series of suggestions by them there results an improvement or economy in manufacturing process or plant or naval material: *Provided*, That such sums as may be awarded to employees or other persons in civil life in accordance with this Act shall be paid them out of current naval appropriations in addition to their usual compensation: *Provided further*, That no employee or other person in civil life shall be paid a reward under this Act until he has properly executed an agreement to the effect that the use by the United States of the suggestion or series of suggestions made by him shall not form the basis of a further claim of any nature from the United States by him, his heirs, or assigns.

That the Comptroller of the Treasury be, and he is hereby, authorized to consider appeals from settlements of the Auditor for the Navy Department under date of April twenty-fifth, nineteen hundred and sixteen, in which settlements certain disallowances were made in the accounts of Paymaster Alvin Hovey-King, United States Navy, and in which cases the time within which appeal may lawfully be made to the comptroller has expired.

That any enlisted man of the Navy or Marine Corps upon the retired list who has been ordered into active service since April sixth, nineteen hundred and seventeen, or who may hereafter be ordered into active service, shall be eligible for promotion and he shall be entitled to the pay and benefits of continuous service of such rank and for such length of time as he is or has been employed in active service, and when relieved of active service shall retain upon the

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retired list the rank and service held by him at the time of such relief, with the pay and allowances of such rank on the retired list; and the accounting officers of the Treasury are hereby directed to allow in the accounts of any enlisted man of the Navy or Marine Corps who resigned from the retired list in order to reenlist for appointment in a higher grade, the same continuous service pay and the benefits of such rank to which he may have been appointed upon reenlistment, as if his service had been continuous, and any difference in pay from the date of reenlistment shall be credited to his account.

The Lighthouse Depot at Saint Joseph, Michigan, described as follows, is hereby transferred to and placed under the control and jurisdiction of the Navy Department for use for naval purposes, namely:

Beginning at a four-by-four pine post, marked "U. S. L. H. E.," at the northwest angle of the United States Life Saving Station situated in section twenty-three, township four south, range nineteen west, in the county of Berrien and State of Michigan; thence south fifty-four degrees and thirty minutes east one hundred and ninety-three feet to a four-by-four pine post, marked "U. S. L. H. E.," at shore line; thence north seventy-four degrees and eleven minutes east three hundred feet to a four-by-four pine post, marked "U. S. L. H. E.," following the line of the shore; thence north fifteen degrees and forty-nine minutes west one hundred and fifty feet to a four-by-four pine post, marked "U. S. L. H. E."; thence north eighty-seven degrees and eleven minutes west three hundred and thirteen feet to a four-by-four pine post, marked "U. S. L. H. E."; thence south thirty-five degrees and thirty minutes west one hundred and fifty-nine feet to the place of beginning, containing approximately one and seven hundred and twenty-four one-thousandths acres, more or less, together with all buildings and improvements thereon; which property is shown on drawing number seventeen thousand three hundred and twenty-one, bearing the legend, "Office of the Lighthouse Inspector, Twelfth District, Milwaukee, Wisconsin. Lighthouse Depot, Saint Joseph, Michigan. General Plan of Depot. Scale as noted. Approved July thirty-first, nineteen hundred and seventeen. N. M. Works, Superintendent. Lewis M. Stoddard, Inspector," on file in the Navy Department.

(a) That the word "person" as used in paragraph (b), (c), next hereafter shall include any individual, trustee, firm, association, company, or corporation. The word "ship" shall include any boat, vessel, submarine, or any form of aircraft, and the parts thereof. The words "war material" shall include arms, armament, ammunition, stores, supplies, and equipment for ships and airplanes, and everything required for or in connection with the production thereof. The word "factory" shall include any factory, workshop, engine works, building used for manufacture, assembling, construction, or any process, and any shipyard or dockyard. The words "United States" shall include the Canal Zone and all territory and waters, continental and insular, subject to the jurisdiction of the United States.

(b) The President is hereby authorized and empowered, within the limits of the amounts appropriated therefor:

First. To place an order with any person for such ships or war material as the necessities of the Government, to be determined by the President, may require and which are of the nature, kind, and

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quantity usually produced or capable of being produced by such person. Compliance with all such orders shall be obligatory on any person to whom such order is given, and such order shall take precedence over all other orders and contracts theretofore placed with such person. If any person owning, leasing, or operating any factory equipped for the building or production of ships or war material for the Navy shall refuse or fail to give to the United States such preference in the execution of such an order, or shall refuse to build, supply, furnish, or manufacture the kind, quantity, or quality of ships of war materials so ordered at such reasonable price as shall be determined by the President, the President may take immediate possession of any factory of such person, or of any part thereof without taking possession of the entire factory, and may use the same at such times and in such manner as he may consider necessary or expedient.

Second. Within the limit of the amounts appropriated therefor, to modify or cancel any existing contract for the building, production, or purchase of ships or war material; and if any contractor shall refuse or fail to comply with the contract as so modified, the President may take immediate possession of any factory of such contractor, or any part thereof without taking possession of the entire factory, and may use the same at such times and in such manner as he may consider necessary or expedient.

Third. To require the owner or occupier of any factory in which ships or war material are built or produced to place at the disposal of the United States the whole or any part of the output of such factory, and within the limit of the amounts appropriated therefor, to deliver such output or parts thereof in such quantities and at such times as may be specified in the order at such reasonable price as shall be determined by the President.

Fourth. To requisition and take over for use or operation by the Government any factory, or any part thereof, without taking possession of the entire factory, whether the United States has or has not any contract with the owner or occupier of such factory.

That all authority granted to the President herein or by him delegated shall cease six months after a final treaty of peace shall be proclaimed between this Government and the German Empire.

(d) That whenever the United States shall cancel or modify any contract, make use of, assume, occupy, requisition, or take over any factory or part thereof, or any ships or war material, in accordance with the provisions of paragraph (b), it shall make just compensation therefor, to be determined by the President, and if the amount thereof so determined by the President is unsatisfactory to the person entitled to receive the same, such person shall be paid seventy-five per centum of the amount so determined by the President and shall be entitled to sue the United States to recover such further sum as added to said seventy-five per centum shall make up such amount as will be just compensation therefor, in the manner provided for by section twenty-four, paragraph twenty, and section one hundred and forty-five of the Judicial Code.

That the Act approved October sixth, nineteen hundred and seventeen, to provide for the acquisition of an air station site for the United States Navy at Cape May, New Jersey, be and the same is hereby, amended by adding the following at the end thereof:

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"*And provided further*, That in the event the Secretary of the Navy is unable satisfactorily to consummate the negotiations for the purchase thereof under the provisions of said Act approved October sixth, nineteen hundred and seventeen, the President is hereby authorized and empowered to take over for and in behalf of the United States the immediate possession of and title to such land, including all easements, rights of way, riparian and other rights appurtenant or appertaining thereto deemed by him to be necessary for the purposes aforesaid, and to make compensation therefor under the terms and provisions of the legislation contained in this Act; and the appropriation of $150,000 appropriated in said Act, approved October sixth, nineteen hundred and seventeen, or so much thereof as may be necessary, is hereby made available for the payment of compensation for said property so taken over by the President."

BUREAU OF ORDNANCE.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships; for fuel, material, and labor to be used in the general work of the Ordnance Department; for furniture at naval ammunition depots, torpedo stations, and proving grounds; for necessary improvements at and maintenance of proving grounds, powder factory, torpedo stations, gun factory, ammunition depots, and armor and projectile plant, and for target practice; for the maintenance, repair, or operation of horse-drawn and motor-propelled passenger-carrying vehicles, to be used only for official purposes at naval ammunition depots, naval proving grounds, and naval torpedo stations, and for pay of chemists, clerical, drafting, inspection, and messenger service in navy yards, naval stations, and naval ammunition depots: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for chemists, clerical, drafting, inspection, watchmen, and messenger service in navy yards, naval stations, and naval ammunition depots for the fiscal year ending June thirtieth, nineteen hundred and nineteen, shall not exceed $2,950,000; in all, $30,522,279: *Provided further*, That ordnance materials procured under the various Ordnance appropriations shall hereafter be available for issue, to meet the general needs of the naval service, under the appropriation from which procured.

Purchase and manufacture of smokeless powder, $2,400,000.

NEW BATTERIES FOR SHIPS OF THE NAVY: For batteries and outfits for naval vessels, auxiliaries, patrols, aircraft, naval stations, and merchantmen, $85,014,110.50: *Provided*, That the Secretary of the Navy is authorized to enter into contracts or otherwise to incur obligations for the purposes above mentioned not to exceed $20,000,000 in addition to the appropriations herein and heretofore made: *Provided further*, That $41,259,523.50 of this amount shall be available to meet obligations authorized under this heading in the Act of October sixth, nineteen hundred and seventeen, and the Act of March twenty-eighth, nineteen hundred and eighteen.

AMMUNITION FOR VESSELS: For procuring, producing, preserving, and handling ammunition for vessels, $73,289,530: *Provided*, That the Secretary of the Navy is authorized to enter into contracts or otherwise to incur obligations for the purposes above mentioned

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not to exceed $11,000,000 in addition to the appropriations herein and heretofore made: *Provided further*, That $23,210,120 of this amount shall be available to meet obligations authorized under this heading in the Act of October sixth, nineteen hundred and seventeen, and the Act of March twenty-eighth, nineteen hundred and eighteen.

TORPEDOES AND APPLIANCES: For the purchase and manufacture of torpedoes and appliances, to be available until June thirtieth, nineteen hundred and twenty-one, $10,000,000.

RESERVE ORDNANCE SUPPLIES: For reserve and miscellaneous ordnance supplies, $63,000,000: *Provided*, That $30,500,000 of this amount shall be available to meet obligations authorized under this heading in the Act of October sixth, nineteen hundred and seventeen, and the Act of March twenty-eighth, nineteen hundred and seventeen.

TORPEDO STATION, NEWPORT, RHODE ISLAND: For labor and material; general care of and repairs to grounds, buildings, and wharves; boats, instruction, instruments, tools, experiments, and general torpedo outfits, $200,000.

For new and improved machinery and tools for torpedo factory, $200,000.

EXPERIMENTS, BUREAU OF ORDNANCE: For experimental work in the development of armor-piercing and torpedo shell and other projectiles, fuses, powders, and high explosives, in connection with problems of the attack of armor with direct and inclined fire at various ranges, including the purchase of armor, powder, projectiles, and fuses for the above purposes and of all necessary material and labor in connection therewith; and for other experimental work under the cognizance of the Bureau of Ordnance in connection with the development of ordnance material for the Navy, $385,000.

CONTINGENT, BUREAU OF ORDNANCE: For miscellaneous items, namely, cartage, expenses of light and water at ammunition depots and stations, tolls, ferriage, technical books, and incidental expenses attending inspection of ordnance material, $50,000.

NAVY MINE DEPOT: For the erection and equipment of a depot for the storage of high explosives and the loading of mines, on a site to be selected and acquired by the President, $3,000,000.

NAVY NITRATE PLANT: For the erection, equipment, and operation of a plant for the fixation of atmospheric nitrogen, production of synthetic ammonia, its oxidation to nitric acid, and the manufacture of ammonium nitrate, for each and every expense connected therewith, including the employment of all necessary expert, drafting, and clerical assistance, $9,150,000, to be available until expended.

BUREAU OF YARDS AND DOCKS.

MAINTENANCE, BUREAU OF YARDS AND DOCKS: For general maintenance of yards and docks, namely, for books, maps, models, and drawings; purchase and repair of fire engines; fire apparatus and plants; machinery, operation or repair, purchase; maintenance of horses and driving teams; carts, timber wheels, and all vehicles, including motor-propelled and horse-drawn passenger-carrying vehicles to be used only for official purposes, and including motor-propelled vehicles for freight-carrying purposes only for use in the navy yards; tools and repair of the same; stationery; furniture for Government houses and offices in navy yards and naval stations; coal and other

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fuel; candles, oil, and gas; attendance on light and power plants; cleaning and clearing up yards and care of buildings; attendance on fires, lights, fire engines, and fire apparatus and plants; incidental labor at navy yards; water tax, tolls, and ferriage; pay of watchmen in navy yards; awnings and packing boxes; and for pay for employees on leave, $10,500,000: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, inspection, drafting, messenger, and other classified work in the navy yards and naval stations for the fiscal year ending June thirtieth, nineteen hundred and nineteen, shall not exceed $2,000,000: *Provided further*, That no part of any appropriation contained in this Act shall be used for the purchase of more than one hundred and fifteen passenger-carrying automobiles for official use within the United States and its insular possessions: *And provided further*, That no part of any appropriation contained in this Act shall be used for the purchase of more than one hundred such passenger-carrying automobiles at a greater cost than $500 each and fifteen at a greater cost than $2,000 each: *And provided further*, That the Secretary of the Navy is authorized to distribute the high-powered automobiles now owned and in use in the United States and its insular possessions to such places and service as they may be required.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses and minor extensions and improvements of public works at navy yards and stations, $250,000.

EMERGENCY EXPENSES, BUREAU OF YARDS AND DOCKS: For emergency expenses and extensions of public works at navy yards and naval stations, $4,750,000.

PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

HOSPITAL CONSTRUCTION: For additional temporary hospital construction and repairs as may be necessary at the points named herein and to provide same with suitable hospital facilities, Chelsea, Massachusetts, $350,000; Newport, Rhode Island, $500,000; New London, Connecticut, $150,000; Brooklyn, New York, $1,400,000; Wards Island, New York, $1,250,000; Pelham, New York, $900,000; Philadelphia, Pennsylvania, $355,000; League Island, Pennsylvania, $800,000; Norfolk, Virginia, $1,250,000; Hampton Roads, Virginia, $500,000; Charleston, South Carolina, $850,000; Parris Island, South Carolina, $175,000; Great Lakes, Illinois, $65,000; Pearl Harbor, Hawaii, $150,000; overseas, $1,000,000; contingent, $600,000; in all, $10,295,000.

TEMPORARY STORAGE: For temporary storage, $1,000,000.

NAVY YARD, PORTSMOUTH, NEW HAMPSHIRE: Addition to machine shop, $200,000; addition to foundry, $130,000; power-plant improvements, $150,000; in all, $480,000.

SUBMARINE BASE, NEW LONDON, CONNECTICUT: For the further development of the submarine base at New London, Connecticut, including the erection and equipment of repair shops, the provision of additional berthing space, and the erection of quarters and barracks for officers and men, $750,000.

NAVY YARD, BOSTON, MASSACHUSETTS: Improvement of central power plant, $425,000; water front improvements, $400,000; machine shop and foundry, $900,000; in all, $1,725,000.

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NAVY YARD, NEW YORK, NEW YORK: Water front improvements, $750,000; central power-plant improvements, $500,000; in all, $1,250,000.

NAVY YARD, PHILADELPHIA, PENNSYLVANIA: Dry dock, to complete, $2,000,000; central power-plant inprovements, $300,000; tracks, streets and sewers, $100,000; in all, $2,400,000.

DEPOT OF SUPPLIES, PHILADELPHIA, PENNSYLVANIA: For the erection of a lumber shed and necessary railroad sidings on land now owned by the Government and occupied as a portion of the Depot of Supplies, $35,000.

The unexpended balance of $40,434.23 of appropriation of $200,000 in the Act approved June fifteenth, nineteen hundred and seventeen, making appropriations to supply deficiencies, for the purchase of additional land, Depot of Supplies, Marine Corps, Philadelphia, Pennsylvania, is hereby made available for the purchase of all necessary land lying between Alter Street, Ellsworth Street, and Fifteenth Street, in the city of Philadelphia, including all buildings thereon and for adapting said buildings for uses connected with said depot.

NAVY YARD, WASHINGTON, DISTRICT OF COLUMBIA: Fuse and primer loading house, Bellevue magazine, $25,000; boundary fence, Bellevue magazine, $20,600; cranes for buildings, $375,000; central power plant and distributing systems, extensions, $85,000; seven ordnance storehouses, Bellevue magazine, $440,000; for the acquisition of additional land on the east side of the Naval Gun Factory lying south of M Street and west of Eleventh Street and for the removal of buildings thereon and the grading of the ground and construction of walls enclosing said land and equipping same for use, $488,000: *Provided*, That upon the acquisition of the land hereby authorized, all portions of public streets on which any squares so taken over shall abut and lying between the same, and all public alleys within said squares together with such portions of streets and public alleys as lie between the present navy yard and the land so acquired, are hereby abandoned and closed and said portions of said streets and public alleys shall be regarded as set apart and reserved for naval purposes; in all, $1,433,600.

That portion of Eleventh Street southeast lying south of the south line of O Street southeast and west of the west face of the new Anacostia bridge is hereby abandoned and closed, and said portion of said street, together with such land owned by the United States as is bounded on the north by the south line of O Street; on the east by the west face of the new Anacostia bridge; on the south by the waters of the Anacostia River; and on the west by the west line of Eleventh Street, extending in a southerly direction from its point of intersection with the south line of O Street and prolonged to its intersection with the waters of the Anacostia River, is hereby set apart and reserved for naval purposes and placed under the control and jurisdiction of the Secretary of the Navy: *Provided*, That at all times the proper authorities of the District of Columbia shall be permitted to have access to the area above described for the purpose of making examinations of, and repairs to, the said bridge: *And provided further*, That all leases heretofore granted by the Commissioners of the District of Columbia to parties occupying said above described area are hereby, in accordance with the terms of such leases, terminated.

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MARINE BARRACKS, QUANTICO, VIRGINIA: The President is authorized to acquire under the authority and provisions of this Act all of the land specified in the report of the board appointed by the Major General Commandant, Marine Corps, dated January twenty-fifth, nineteen hundred and eighteen, at Quantico, Virginia, as a permanent Marine Corps post, and the sum of $475,000, or so much thereof as may be necessary, is hereby appropriated for this purpose.

NAVY YARD, NORFOLK, VIRGINIA: Dry dock, to complete, $2,000,000; water-front improvements, $500,000; improvements central power plant and distributing system, $300,000; tracks, streets, and sewers, $150,000; galvanizing shop, $100,000; toward steel and lumber storage (limit of cost, $850,000), $400,000; in all, $3,450,000.

BUILDINGS AND GROUNDS, NAVAL ACADEMY: Extension of Bancroft Hall, to complete, $1,850,000; and the limit of cost is increased to $2,850,000; improvements central power plant and distributing systems, $325,000; general store building, $100,000; building for seamanship and navigation, and other instruction purposes, $1,000,000: *Provided*, That the Secretary of the Navy is authorized to enter into contracts or otherwise to incur obligations for this purpose not to exceed $1,500,000 in addition to the appropriation herein made; garage, $30,000; in all, $3,305,000.

MARINE RECRUITING STATION, PORT ROYAL, SOUTH CAROLINA: For twelve additional barracks buildings, four lavatories, and six mess halls, $60,000; dredging and reclaiming marsh land, $35,000; sea wall, $25,000; lining dry dock with concrete, $25,000; street paving, $7,000; cement sidewalks, $7,000; trees and shrubbery, $1,000; medical officers' quarters, $10,000; in all, $170,000.

The President is authorized to acquire under the authority and provisions of this Act all of the remaining portion of Parris Island for the enlargement of the Marine Recruiting Station, Port Royal, South Carolina; and the sum of $150,000, or so much thereof as may be necessary, is hereby appropriated for this purpose.

NAVY YARD, CHARLESTON, SOUTH CAROLINA: For the construction of a large dry dock (limit of cost, $4,000,000), $1,150,000; dredging, to continue, $25,000; railroad system extension, $15,000; toward water-front improvements, $200,000; boat storage, $10,000; central power plant improvements, $250,000; in all, $1,650,000.

NAVAL STATION, KEY WEST, FLORIDA: Station improvements, $25,000; for the development of a submarine base, $1,000,000: *Provided*, That the Secretary of the Navy is authorized to enter into contracts or otherwise to incur obligations for this purpose not to exceed $1,500,000 in addition to the appropriations herein made; in all, $1,025,000.

NAVAL AERONAUTIC STATION, PENSACOLA, FLORIDA: Improvements central power plant and distributing systems, $100,000.

NAVAL STATION, NEW ORLEANS, LOUISIANA: Floating crane, $30,000; improvements, central power plant and distributing systems, $280,000; water-front improvements, $100,000; shell house, $40,000; in all, $450,000.

NAVY YARD, MARE ISLAND, CALIFORNIA: Maintenance of dikes and dredging, $100,000; improvements central power plant and distributing system, $250,000; structural shop and auxiliary improvements, $1,000,000; in all, $1,350,000.

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The buildings and improvements in connection with and appurtenant to the Mare Island Light Station, California, are hereby transferred from the control and jurisdiction of the Department of Commerce to the control and jurisdiction of the Navy Department for naval purposes.

NAVY YARD, PUGET SOUND, WASHINGTON: Improvements, central power plant and distributing systems, $325,000; purchase of additional land adjoining the navy yard, $300,000; for grading, filling, and sea-wall construction (limit of cost to be $750,000), $400,000; in all, $1,025,000.

NAVAL STATION, PEARL HARBOR, HAWAII: Auxiliary water supply, $41,275.

NAVAL STATION, TUTUILA, SAMOA: Construction of quarters, $9,000; additional water-supply system, including not to exceed $500 for the purchase of land, $15,000; storehouse, $15,000; sea wall, $5,000; miscellaneous, $6,000; in all, $50,000.

NAVAL STATION, GUAM: Repair and extension of roads, $30,000; cold storage, $40,000; boathouse, $20,000; miscellaneous and extensions, $10,000; in all, $100,000.

NAVAL STATION, GUANTANAMO, CUBA: Concrete pier, $140,000; telephone and transmission system, $25,000; road construction, $15,000; storage facilities, $20,000; in all, $200,000.

NAVAL MAGAZINE, NEW ENGLAND COAST: Dredging, $30,000.

NAVAL PROVING GROUND, INDIANHEAD, MARYLAND: Improvements to powder factory, $140,000; pyro storage, $20,000; in all, $160,000.

For the building of or providing for the construction of a railroad to connect the Naval Proving Ground and the Naval Smokeless Powder Factory at Indianhead, Maryland, with existing or contemplated railway lines, under terms and conditions satisfactory to the Secretary of the Navy, authority being granted for the immediate condemnation or acquisition of the necessary right of way, $850,000.

NAVAL MAGAZINE, FORT MIFFLIN, PENNSYLVANIA: The President is authorized to acquire under the authority and provisions of this Act additional land for increasing ordnance facilities in the vicinity of the naval magazine, Fort Mifflin, Pennsylvania; and for this purpose $360,000 is hereby appropriated or so much thereof as may be necessary.

NAVAL MAGAZINE, NEW YORK HARBOR: Quarters for marine officer and medical officer, $18,000.

NAVAL MAGAZINE, FORT LAFAYETTE, NEW YORK: Dredging channel, $26,000.

NAVAL MAGAZINE, LAKE DENMARK, NEW JERSEY: The President is authorized to acquire under the authority and provisions of this Act additional land for increasing ordnance facilities in the vicinity of the naval magazine, Lake Denmark, New Jersey; and for this purpose $18,000 is hereby appropriated or so much thereof as may be necessary.

TORPEDO STATION, NEWPORT, RHODE ISLAND, BUILDINGS: Boathouse and diving school, $100,000; emergency torpedo repair shop, $100,000; extension of industrial roads, $20,000; extension of sea wall, $5,000; rebuilding carpenter shop, $25,000; improvements central power plant systems, including quay wall and fill at power house, $800,000; in all, $1,050,000.

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The President is authorized to acquire under the authority and provisions of this Act additional land for increasing ordnance facilities in the vicinity of the naval torpedo station, Newport, Rhode Island; and for this purpose $100,000 is hereby appropriated or so much thereof as may be necessary.

TORPEDO STORAGE: For additional storage for torpedoes at ordnance stations, $250,000.

DEPOTS FOR COAL: For depots for coal and other fuel, Guantanamo, Cuba, $90,000; Pearl Harbor, Hawaii, $40,000; Puget Sound, Washington, $60,000; San Diego, California, $70,000; Mare Island, California; $270,000; Melville, Rhode Island, $160,000; contingent, $50,000; care and custody of naval petroleum reserves, $10,000; in all, $750,000.

NAVAL TRAINING STATION, CALIFORNIA, BUILDINGS: Water supply, $65,000; roads and streets, $10,000; in all, $75,000.

MARINE BARRACKS, PEKING, CHINA: Power plant, $25,000; barrack buildings, to complete, $85,000; in all, $110,000.

NAVAL TRAINING STATION, RHODE ISLAND, BUILDINGS: Sea-wall improvements, $225,000; remodeling boathouse, $20,000; officers' quarters, $15,000; fire apparatus house and garage, $30,000; in all, $290,000.

The President is authorized to acquire under the authority and provisions of this Act additional land for the enlargement of the Naval Training Station, Narragansett Bay, Newport, Rhode Island, and for this purpose $100,000 is hereby appropriated or so much thereof as may be necessary.

NAVAL TRAINING STATION, ILLINOIS, BUILDINGS: Dredging harbor, $35,000.

The President is authorized to acquire under the authority and provisions of this Act additional land for the enlargement of the Naval Training Station, Great Lakes, Illinois, and for this purpose $887,500 is hereby appropriated or so much thereof as may be necessary.

MARINE BARRACKS, SAN DIEGO, CALIFORNIA: Toward the establishment of a Marine Corps base, $1,500,000.

NAVAL FUEL DEPOT, SAN DIEGO, CALIFORNIA: Marine railway, $175,000.

NAVAL OPERATING BASE, HAMPTON ROADS, VIRGINIA: Toward water-front improvements and permanent improvements to station, including piers, bulkheads, filling, grading, and so forth, $3,000,000.

REPAIRS AND PRESERVATION AT NAVY YARDS: For repairs and preservation at navy yards, fuel depots, fuel plants, and stations, $4,000,000.

Total public works, $46,694,375, and the amounts herein appropriated therefor, except for repairs and preservation at navy yards and stations, shall be available until expended.

The unexpended balance of $4,300 of the appropriation of $10,000 for expenses of a commission of naval officers to investigate the question of navy yards and naval stations contained in the Act making appropriations for the Naval Service, approved August twenty-ninth, nineteen hundred and sixteen, is further continued and made available until expended.

The Paymaster General of the Navy shall cause to be paid to Mrs. Susie A. Van Kirk, mother of the late Dean R. Van Kirk,

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ensign, National Naval Volunteers, an amount equal to one year's pay at the rate received by that officer at the date of his death, May first, nineteen hundred and seventeen.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeons' necessaries for vessels in commission, navy yards, naval stations, Marine Corps, and for the civil establishment at the several naval hospitals, navy yards, naval medical supply depots, Naval Medical School, Washington, and Naval Academy, including one bookkeeper at $1,600 and one clerk at $1,400 at the naval medical supply depot, Brooklyn, and toward the accumulation of a reserve supply of medical stores, $5,000,000.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For tolls and ferriages; care, transportation, and burial of the dead, including officers and enlisted men who die within the United States; purchase of books and stationery, binding of medical records, unbound books, and pamphlets; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction; purchase and repairs of non-passenger-carrying wagons, automobile ambulances, and harness; purchase of and feed for horses and cows; purchase, maintenance, repair, and operation of two passenger-carrying motor vehicles for naval dispensary, Washington, District of Columbia, and of one motor-propelled vehicle for official use only for the medical officer on out-patient medical service at the Naval Academy, and of a motor omnibus for the transportation of convalescent patients and attendants at the Naval Hospital at Las Animas, Colorado, to be used only for official purposes; trees, plants, care of grounds, garden tools, and seeds; incidental articles for the Naval Medical School and naval dispensary, Washington, naval medical supply depots, sick quarters at Naval Academy and marine barracks; washing for medical department at Naval Medical School and naval dispensary, Washington, naval medical supply depots, sick quarters at Naval Academy and marine barracks, dispensaries at navy yards and naval stations, and ships; and for minor repairs on buildings and grounds of the United States Naval Medical School and naval medical supply depots; rent of rooms for naval dispensary, Washington, District of Columbia, not to exceed $1,200; for the care, maintenance, and treatment of the insane of the Navy and Marine Corps on the Pacific coast, including supernumeraries held for transfer to the Government Hospital for the Insane; for dental outfits and dental material, and all other necessary contingent expenses; in all, $1,500,000.

TRANSPORTATION OF REMAINS: To enable the Secretary of the Navy, in his discretion, to cause to be transferred to their homes the remains of officers and enlisted men of the Navy and Marine Corps, of members of the Nurse Corps, of civilian officers and crews of naval auxiliaries, and of officers and enlisted men of the Naval Militia and National Naval Volunteers and the Naval Reserve Force when on active service with the Navy, who die or are killed in action ashore or afloat, and also to enable the Secretary of the Navy, in his discretion, to cause to be transported to their homes the remains of civilian employees who die outside of the continental limits of the United States, $350,000: *Provided*, That the sum herein appropriated shall be available for payment for transportation of the remains of

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officers and men who have died while on duty at any time since April twenty-first, eighteen hundred and ninety-eight, and shall be available until June thirtieth, nineteen hundred and twenty.

CARE OF HOSPITAL PATIENTS: For the care, maintenance, and treatment of patients in naval and in other than naval hospitals, for the rental and purchase of land, at Key West, Florida, and at the Naval Training Station, Great Lakes, $4,000,000.

UNITED STATES NAVAL HOSPITAL, FORT LYONS, COLORADO: For the purchase of about four hundred and twenty acres of land for the enlargement and development of the Naval Hospital, Fort Lyons, Colorado, $19,600.

BUREAU OF SUPPLIES AND ACCOUNTS.

PAY OF THE NAVY: Pay and allowances prescribed by law of officers on sea duty and other duty, and officers on waiting orders, $33,234,498; officers on the retired list, $3,374,391; commutation of quarters for officers, including boatswains, gunners, carpenters, sailmakers, machinists, pharmacists, pay clerks, and mates, naval constructors, and assistant naval constructors, $2,821,248, and also members of Nurse Corps (female), $44,200; for hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them, or commutation of quarters not to exceed the amount which an officer would receive were he not serving with troops and hire of quarters for officers and enlisted men on sea duty at such times as they may be deprived of their quarters on board ship due to repairs or other conditions which may render them uninhabitable, $25,000; pay of enlisted men on the retired list, $540,255; extra pay to men reenlisting under honorable discharge, $1,400,000; interest on deposit by men, $15,000; pay of petty officers, seamen, landsmen, and apprentice seamen, including men in the engineers' force and men detailed for duty with the Fish Commission, one hundred and eighty-one thousand four hundred and eighty-five men, plus ten thousand men for aviation service, plus fourteen thousand men in trade schools; and pay of enlisted men of the Hospital Corps, and for the pay of enlisted men detailed for duty with the Naval Militia, $121,630,172; pay of enlisted men undergoing sentence of court-martial, $540,000, and as many machinists as the President may from time to time deem necessary to appoint; and twenty-four thousand apprentice seamen under training at training stations and on board training ships, at the pay prescribed by law, $8,019,600; pay of the Nurse Corps, $670,800; rent of quarters for members of the Nurse Corps, $55,800; retainer pay and active-service pay of members of the Naval Reserve Force, $55,001,982; in all, $227,372,946; and the money herein specifically appropriated for "Pay of the Navy" shall be disbursed and accounted for in accordance with existing law as "Pay of the Navy," and for that purpose shall constitute one fund: *Provided*, That during the war, in such cases as may be approved by the Secretary of the Navy, this appropriation shall be available for the hire of quarters for officers attached to submarines when they are required to be on shore and Government quarters are not available.

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PROVISIONS, NAVY: For provisions and commuted rations for the seamen and marines, which commuted rations may be paid to caterers of messes, in case of death or desertion, upon orders of the commanding officers, commuted rations for officers on sea duty (other than commissioned officers of the line, Medical and Pay Corps, chaplains, chief boatswains, chief gunners, chief carpenters, chief machinists, chief pay clerks, and chief sailmakers) and midshipmen, and commuted rations stopped on account of sick in hospital and credited at the rate of 50 cents per ration to the naval hospital fund; subsistence of officers and men unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for commutation therefor to be given); subsistence of men on detached duty; subsistence of officers and men of the Coast Guard and Lighthouse Services while cooperating with the Navy in so far as the regular appropriations for these services are insufficient therefor; subsistence of officers and men of the naval auxiliary service; subsistence of members of the Naval Reserve Force during period of active service; and for subsistence of female nurses and Navy and Marine Corps general courts-martial prisoners undergoing imprisonment with sentences of dishonorable discharge from the service at the expiration of such confinement: *Provided*, That the Secretary of the Navy is authorized to commute rations for such general courts-martial prisoners in such amounts as seem to him proper, which may vary in accordance with the location of the naval prison, but which shall in no case exceed 30 cents per diem for each ration so commuted; and for the purchase of United States Army emergency rations as required; in all, $75,520,216, to be available until the close of the fiscal year ending June thirtieth, nineteen hundred and twenty.

CLOTHING AND SMALL STORES FUND: For purchase of clothing and small stores for issue to the naval service, to be added to the "Clothing and small stores fund," $27,000,000.

MAINTENANCE, BUREAU OF SUPPLIES AND ACCOUNTS: For fuel; the removal and transportation of ashes and garbage, from ships of war; books, blanks, and stationery, including stationery for commanding and navigating officers of ships chaplains on shore and afloat, and for the use of courts-martial on board ships; purchase, repair, and exchange of typewriters for ships; packing boxes and materials; interior fittings for general storehouses, pay offices, and accounting offices in navy yards; expenses of disbursing officers; coffee mills and repair thereto; expenses of naval clothing factory and machinery for the same; laboratory equipment; purchase of articles of equipage at home and abroad under the cognizance of the Bureau of Supplies and Accounts, and for the payment of labor in equipping vessels therewith, and the manufacture of such articles in the several navy yards; musical instruments and music; mess outfits; soap on board naval vessels; athletic outfits; tolls, ferriages, yeomen's stores, safes, and other incidental expenses; labor in general storehouses, paymasters' offices, and accounting offices in navy yards and naval stations, including naval stations maintained in island possessions under the control of the United States, and expenses in handling stores purchased and manufactured under "General account of advances"; and reimbursement to appropriations of the Department of Agriculture of cost of inspection of meats and meat food products for the

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Navy Department: *Provided*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for chemists and for clerical, inspection, storemen, store laborer, and messenger service in the supply and accounting departments of the navy yards and naval stations and disbursing offices for the fiscal year ending June thirtieth, nineteen hundred and nineteen, shall not exceed $4,000,000; in all, $17,836,625.

FREIGHT, BUREAU OF SUPPLIES AND ACCOUNTS: All freight and express charges pertaining to the Navy Department and its bureaus, except the transportation of coal for the Bureau of Supplies and Accounts, $4,000,000.

FUEL AND TRANSPORTATION: Coal and other fuel for steamers' and ships' use, including expenses of transportation, storage, and handling the same; maintenance and general operation of machinery of naval fuel depots and fuel plants; water for all purposes on board naval vessels; and ice for the cooling of water, including the expense of transportation and storage of both, $49,400,000, $1,000,000 of which, or so much thereof as may be necessary, may in his discretion, be used by the Secretary of the Navy in mining coal, or contracting for the same in Alaska, the transportation of the same, and the construction of coal bunkers and the necessary docks for use in supplying ships therewith; and the Secretary of the Navy is hereby authorized to select from the public coal lands in Alaska such areas as may be necessary for use by him for the purposes stated herein: *Provided*, That when, in the opinion of the President, the prices asked for the charter of vessels for the transportation of fuel are excessive, he is authorized to purchase vessels suitable for the purpose, and, if money is not otherwise available, to pay for them from the appropriation "Fuel and transportation."

BUREAU OF CONSTRUCTION AND REPAIR.

CONSTRUCTION AND REPAIR OF VESSELS: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; steam steerers, pneumatic steerers, steam capstans, steam windlasses, and all other auxiliaries; labor in navy yards and on foreign stations; purchase of machinery and tools for use in shops; carrying on work of experimental model tank and wind tunnel; designing naval vessels; construction and repair of yard craft, lighters, and barges; wear, tear, and repair of vessels afloat; general care, increase, and protection of the Navy in the line of construction and repair; repair and maintenance of vessels of the Coast Guard and Lighthouse Services; submarine chasers, patrol boats; incidental expenses for vessels and navy yards, inspectors' offices, such as photographing, books, professional magazines, plans, stationery, and instruments for drafting room, and for pay of classified force under the bureau; for hemp, wire, iron, and other materials for the manufacture of cordage, anchors, cables, galleys, and chains; specifications for purchase thereof shall be so prepared as shall give fair and free competition; canvas for the manufacture of sails, awnings, hammocks, and other work; interior appliances and tools for manufacturing purposes in navy yards and naval stations; and for the purchase of all other articles of equipage at home and abroad; and for the payment of labor in equipping vessels therewith and

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manufacture of such articles in the several navy yards; naval signals and apparatus, other than electric, namely, signals, lights, lanterns, running lights, lanterns, and lamps and their appendages for general use on board ship for illuminating purposes; and oil and candles used in connection therewith; bunting and other materials for making and repairing flags of all kinds; for all permanent galley fittings and equipage; rugs, carpets, curtains, and hangings on board naval vessels, $60,000,000: *Provided*, That the limitations imposed by existing law relative to repairs to vessels of the Navy shall not apply to the expenditure of funds made available in this Act: *Provided further*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for clerical, drafting, inspection, watchmen (ship keepers), and messenger service in navy yards, naval stations, and offices of superintending naval constructors for the fiscal year ending June thirtieth, nineteen hundred and nineteen, shall not exceed $3,000,000.

CONSTRUCTION PLANTS AT NAVY YARDS: For repairs and improvements of machinery and implements at construction plants at navy yards at Portsmouth, New Hampshire, $10,000; Boston, Massachusetts, $25,000; New York, New York, $35,000; Philadelphia, Pennsylvania, $25,000; Norfolk, Virginia, $35,000; Charleston, South Carolina, $10,000; Mare Island, California, $35,000; Puget Sound, Washington, $25,000; in all, $200,000.

BUREAU OF STEAM ENGINEERING.

ENGINEERING: For repairs, preservation, and renewal of machinery, auxiliary machinery, and boilers of naval vessels, yard craft, and ships' boats, distilling and refrigerating apparatus; repairs, preservation, and renewals of electric interior and exterior signal communications and all electrical appliances of whatsoever nature on board naval vessels, except range finders, battle order and range transmitters and indicators, and motors and their controlling apparatus used to operate machinery belonging to other bureaus; searchlights and fire-control equipments for antiaircraft defense at shore stations; maintenance and operation of coast signal service, including expenses of office of Director of Naval Communications and the purchase of land as necessary for sites for radio shore stations; equipage, supplies, and materials under the cognizance of the bureau required for the maintenance and operation of naval vessels, yard craft, and ships' boats; purchase, installation, repair, and preservation of machinery, tools, and appliances in navy yards and stations, pay of classified force under the bureau; incidental expenses for navy vessels, naval yards, and stations, inspectors' offices, the engineering experiment station, such as photographing, technical books and periodicals, stationery, and instruments; instruments and apparatus, supplies, and technical books and periodicals necessary to carry on experimental and research work in radiotelegraphy at the naval radio laboratory: *Provided*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for clerical, drafting, inspection, and messenger service in navy yards, naval stations, and offices of United States inspectors of machinery and engineering material for the fiscal year ending June thirtieth, nineteen hundred and nineteen, shall not exceed $3,035,000: *Pro-*

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vided further, That the sum to be paid out of this appropriation for the purchase of land for sites for radio shore stations shall not exceed $10,000; in all, engineering, $50,000,000.

FOR ORIGINAL INVESTIGATION AND EXTENDED EXPERIMENTATION OF NAVAL APPLIANCES: Testing implements and apparatus; purchase and installation of such machines and auxiliaries considered applicable for test and use in the naval service, and for maintenance and equipment of buildings and grounds, $160,000.

The foregoing appropriations for the Naval Establishment shall be available for similar expenses of the Coast Guard and Lighthouse Services while cooperating with the Navy in so far as the regular appropriations for these services are insufficient therefor; and, when expenditures are thus made, naval appropriations need not be reimbursed from the appropriations of the Coast Guard and Lighthouse Services.

So much of the naval appropriations for the fiscal years nineteen hundred and eighteen and nineteen hundred and nineteen as is necessary may be transferred on the books of the Treasury to the credit of the regular appropriations of the Coast Guard and Lighthouse Services.

That the President of the United States be, and he is hereby, authorized during the period of the present war to promote temporarily, with the advice and consent of the Senate, commissioned line officers and engineer officers of the United States Coast Guard below the rank and grades of captain and captain of engineers to the ranks and grades of the Coast Guard not above captain and captain of engineers, respectively, without regard to number or length of service in rank or grade: *Provided*, That such temporary promotions may be to such rank and grade in the Coast Guard not above captain or captain of engineers as correspond to the rank and grade that may be attained in accordance with law, either permanently or temporarily, by line officers of the regular Navy of the same length of total service: *Provided further*, That constructors of the Coast Guard now authorized by law who shall have had as much total service in the Coast Guard as the officer of the Construction Corps of the Navy at the foot of the permanent or temporary list of those with the rank of lieutenant commanders may be temporarily promoted to the rank of captain of the Coast Guard: *And provided further*, That for the purposes of this Act service in the Coast Guard to be counted must have been continuous: *And provided further*, That nothing contained in this paragraph shall operate to disturb the relative position of officers in the Coast Guard with reference to precedence or promotion, but all such officers otherwise qualified shall be advanced in rank with or ahead of officers in the Coast Guard who were their juniors on the date of this Act.

That the President be, and he is hereby, authorized during the period of the present war to promote temporarily, with the advice and consent of the Senate, the captain commandant of the Coast Guard to the rank of commodore in the Navy and brigadier general in the Army, and the engineer in chief of the Coast Guard to the rank of captain in the Navy and colonel in the Army, officers of the Coast Guard holding permanent commissions above the rank and grade of first lieutenant and first lieutenant of engineers as follows: Not to exceed two-fifths of the captains authorized by law, and not

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to exceed one-third of the captains of engineers authorized by law, to have the rank of senior captain in the Coast Guard; and not to exceed one-third the senior captains authorized by law, to have the rank of captain in the Navy and colonel in the Army: *Provided*, That the senior captains, captains, and captains of engineers to be temporarily promoted as herein provided, shall be selected as provided by law for promotion by selection in the Navy.

That during the period of the present war, the senior district superintendent, the three district superintendents next in order of seniority, the four district superintendents next below these three in order of seniority, and the junior five district superintendents shall have the rank, pay, and allowances of captain, first lieutenant, and second lieutenant, and third lieutenant in the Coast Guard, respectively.

That the permanent and probationary commissions of officers of the Coast Guard shall not be vacated by reason of the temporary promotions and advancements authorized by this Act, nor shall said officers be prejudiced in their relative lineal rank in regard to their promotion as provided for in existing law: *Provided*, That no officer who shall receive a temporary promotion or advancement under this Act shall be entitled to pay or allowances except under such promotion or advancement: *Provided further*, That upon the termination of the temporary promotions and advancements authorized by this Act, the officers so promoted and advanced shall revert to the rank and grade from which temporarily promoted or advanced, unless such officers in the meantime, in accordance with law, become entitled to promotion to a higher grade or rank in the permanent Coast Guard, in which case they shall revert to said higher grade or rank, and shall, after passing the prescribed examinations, be commissioned accordingly.

That all temporary promotions and advancements authorized by this Act shall continue in force only until otherwise directed by the President, and not later than six months after the termination of the present war.

That any officer of the Coast Guard temporarily promoted or advanced in grade or rank in accordance with the provisions of this Act who shall be retired from active service under his permanent commission while holding such temporary grade or rank, except for physical disability incurred in line of duty, shall be placed on the retired list with the grade or rank to which his position in the permanent Coast Guard at the date of his retirement would entitle him.

That officers of the United States Coast Guard on sea duty or on shore duty beyond the continental limits of the United States during the period of the present war shall receive the same increase of pay and allowances in all respects as are now or may hereafter be provided by law for officers of the Navy of corresponding rank.

That nothing contained in this Act relating to the Coast Guard shall operate to reduce the rank, pay, or allowances that would have been received by any person in the Coast Guard except for the passage of this Act.

NAVAL ACADEMY.

PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: Pay of professors and instructors, including one professor as librarian, $235,000.

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One swordmaster, $1,700; assistants: one $1,500; one $1,300; headmaster in physical training, $2,000; instructors in physical training: one $1,800; two at $1,500 each; three at $1,300 each; assistant librarian, $2,400; cataloguer, $1,600; shelf assistants: two at $1,200 each; secretary of the Naval Academy, $2,500; clerks: two at $1,900 each; two at $1,700 each; two at $1,600 each; four at $1,400 each; four at $1,200 each; seven, $1,100 each; seven, $1,000 each; draftsman, $1,700; surveyor, $1,500; services of organist at chapel, $300; captain of the watch, $1,460; second captain of the watch, $1,300; twenty-two watchmen, at $1,160 each; three telephone switchboard operators, at $660 each; mail messenger, $1,100. In all, pay of professors and others, Naval Academy, $329,460.

DEPARTMENT OF ORDNANCE AND GUNNERY: Leading ordnanceman, $1,450; electrician, $1,680; ordnancemen: one, $1,280; one $1,150; one $1,100; ordnance helpers: two $1,030 each; two, $1,000 each; storeroom and record keeper, $840; in all, $11,560.

DEPARTMENTS OF ELECTRICAL ENGINEERING AND PHYSICS: One instrument maker, $1,800; three electrical machinists, $1,758 each; one mechanic, $1,758; laboratorian, $1,500; in all, $10,332.

DEPARTMENT OF SEAMANSHIP: Two coxswains, $500 each; three seamen, $450 each; in all, $2,350.

DEPARTMENT OF MARINE ENGINEERING AND NAVAL CONSTRUCTION: Master machinist, $2,300; assistant, $1,800; pattern maker, $1,800; boiler maker, blacksmith, three machinists, molder, and coppersmith, $1,758 each; one pattern maker and one blacksmith, $1,680 each; one instructor in mechanical drawing, $2,100; machinists and other employees, $9,515.20; in all, $33,181.20.

COMMISSARY DEPARTMENT: Chief clerk and purchasing agent, $1,800; chief cook, $1,500; cooks: fourteen, $900 each; eighteen, $600 each; stewards: one, $1,800, four assistants, $1,200 each; two head waiters, $900 each; six assistant head waiters, $720 each; head pantrymen: two, $900 each; bakers: chief, $1,500; nine, $960 each; nine, $720 each; butchers: head, at $960; four assistants, $780 each; one butcher's helper, $600; four baker helpers, $420 each; firemen: six, $600 each; necessary waiters, at not to exceed $25 per month each, $35,100, and the accounting officers of the Treasury are authorized and directed to credit in the accounts of the disbursing officer for the fiscal years nineteen hundred and seventeen and nineteen hundred and eighteen payments to waiters not in excess of the rate fixed by appropriation Acts and the aggregate amounts appropriated; coffeemen: two, $600 each, four, $420 each; four dish pantrymen, $420 each; four utility men, $420 each; linemen: one, $600; two, $420 each; four seamstresses, $600 each; stenographers: two, $1,080 each; typists: three, $900 each; two drivers, $720 each; scullions and other unskilled labor (wages in no case to exceed $50 per month), $2,000; in all, $121,280.

DEPARTMENT OF BUILDINGS AND GROUNDS: One messenger to superintendent, $750; necessary building attendants, $34,200; in all, $34,950.

For the employment of such additional temporary force of employees in the various departments of the Naval Academy as in the judgment of the Secretary of the Navy may be necessary to the transaction of official business on account of the existing emergency, $100,000.

In all, civil establishment, $643,113.20.

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CURRENT AND MISCELLANEOUS EXPENSES, NAVAL ACADEMY: Text and reference books for use of instructors; stationery, blank books and forms, models, maps, and periodicals; apparatus and materials for instruction in physical training and athletics; expenses of lectures and entertainments not exceeding $1,000, including pay and expenses of lecturer; chemicals, philosophical apparatus and instruments, stores, machinery, tools, fittings, apparatus, and materials for instruction purposes, $89,550.

Purchase, binding, and repair of books for the library (to be purchased in the open market on the written order of the superintendent), $2,500.

For expenses of the Board of Visitors to the Naval Academy, $3,000.

For contingencies for the superintendent of the academy, to be expended in his discretion, $3,000.

For contingencies for the commandant of midshipmen, to be expended in his discretion, $750.

In all, current and miscellaneous expenses, $98,800.

MAINTENANCE AND REPAIRS, NAVAL ACADEMY: For general maintenance and repairs at the Naval Academy, namely: For necessary repairs of public buildings, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, and fixtures; for books, periodicals, maps, models, and drawings; purchase and repair of fire engines; fire apparatus and plants; machinery; purchase and maintenance of all horses and vehicles for use at the academy, including the maintenance, operation, and repair of three horse-drawn passenger-carrying vehicles to be used only for official purposes; seeds and plants; tools and repairs of the same; stationery; furniture for Government buildings and offices at the academy; coal and other fuel; candles, oil, and gas; attendance on light and power plants; cleaning and clearing up station and care of buildings; attendance on fires, lights, fire engines, fire apparatus, and plants, and telephone, telegraph, and clock systems; incidental labor; advertising, water tax, postage, telephones, telegrams, tolls, and ferriage; flags and awnings; packing boxes; fuel for heating and lighting bandsmen's quarters; pay of inspectors and draftsmen; music, musical and astronomical instruments; and for the pay of employees on leave, $507,000.

Rent of buildings for the use of the academy, and commutation of rent for bandsmen, at $8 per month each, $3,936.

In all, maintenance and repairs, $510,936.

In all, Naval Academy, exclusive of public works, $1,252,849.20.

MARINE CORPS.

PAY, MARINE CORPS: Pay of officers, active and reserve list: For pay and allowances prescribed by law for all officers on the active and reserve list, $9,891,624.50.

The title of clerks for assistant paymasters is hereby changed to pay clerk, who shall hereafter receive the same pay, allowances, and other benefits now provided by law for clerks for assistant paymasters; and the total number of pay clerks shall not exceed ten for duty in the office of the paymaster, Marine Corps, fifteen for duty in the paymaster's department at large, and one for each assistant paymaster: *Provided*, That nothing herein contained shall be construed to reduce

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the pay, allowances, or other benefits granted by existing law to any clerk for assistant paymaster now in service.

For pay of officers prescribed by law, on the retired list: For two major generals, three brigadier generals, six colonels, four lieutenant colonels, eleven majors, twenty-one captains, fourteen first lieutenants, two second lieutenants, and one paymaster's clerk, and for officers who may be placed thereon during the year, including such increased pay as is now or may hereafter be provided for retired officers regularly assigned to active duty, $218,907.56.

Pay of enlisted men, active and reserve list: Pay and allowances of noncommissioned officers, musicians, and privates, as prescribed by law, and for the expenses of clerks of the United States Marine Corps traveling under orders, and including additional compensation for enlisted men of the Marine Corps regularly detailed as gun captains, gun pointers, mess sergeants, cooks, messmen, signalmen, or holding good-conduct medals, pins, or bars, including interest on deposits by enlisted men, post-exchange debts of deserters, under such rules as the Secretary of the Navy may prescribe, and the authorized travel allowance of discharged enlisted men and for prizes for excellence in gunnery exercise and target practice and for pay of enlisted men designated as Navy mail clerks and assistant Navy mail clerks, both afloat and ashore, $38,877,795.

For pay and allowances prescribed by law of enlisted men on the retired list: For nine sergeants major, one drum major, twenty-one gunnery sergeants, thirty-four quartermaster sergeants, thirty-eight first sergeants, fifty-nine sergeants, thirteen corporals, one principal musician, sixteen first-class musicians, one second-class musician, one drummer, and thirteen privates, and for those who may be retired during the fiscal year, $168,477.

Undrawn clothing: For payment to discharged enlisted men for clothing undrawn, $128,358.80.

Mileage: For mileage to officers traveling under orders without troops, $377,500.

For commutation of quarters of officers on duty without troops where there are no public quarters, $427,500.

PAY OF CIVIL FORCE: In the office of the major general commandant: Temporary special assistant to the major general commandant, $2,750; one chief clerk, at $2,250; one clerk, at $1,800; one messenger, at $971.28.

In the office of the paymaster: One chief clerk, at $2,250; one clerk, at $1,500.

In the office of the adjutant and inspector: One chief clerk, at $2,250; one clerk, at $1,800; clerk at $1,600; one clerk, at $1,500; one clerk, at $1,400; one clerk, at $1,200.

In the office of the quartermaster: Temporary special assistant to the quartermaster, $2,750; one chief clerk, at $2,250; two clerks, at $1,800 each; one clerk, at $1,500; two clerks, at $1,400 each; two clerks, at $1,200 each; technical engineer, $2,300; one draftsman, at $2,000.

In the office of the assistant quartermaster, San Francisco, California: One chief clerk, at $2,000.

In the office of the assistant quartermaster, Philadelphia, Pennsylvania: One chief clerk, at $2,000; one messenger, at $840.

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In all, for pay of civil force, $45,711.28, and the money herein specifically appropriated for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law as pay of the Marine Corps, and for that purpose shall constitute one fund.

In all, pay, Marine Corps, $50,135,874.14.

MAINTENANCE, QUARTERMASTER'S DEPARTMENT, MARINE CORPS.

PROVISIONS, MARINE CORPS: For enlisted men serving ashore; subsistence and lodging of enlisted men when traveling on duty, or cash in lieu thereof; commutation of rations to enlisted men regularly detailed as clerks and messengers; payments of board and lodging of applicants for enlistment while held under observation, recruits, recruiting parties; and enlisted men where it is impracticable to otherwise furnish subsistence, or in lieu of board, commutation of rations to recruiting parties, and enlisted men traveling on special duty at such rate as the Secretary of the Navy may prescribe; ice machines and their maintenance where required for the health and comfort of the troops and for cold storage; ice for offices and preservation of rations, $15,053,500.

CLOTHING, MARINE CORPS: For enlisted men authorized by law, $32,470,480.

FUEL, MARINE CORPS: For heat, light, and commutation thereof for the authorized allowance of quarters for officers and enlisted men, and other buildings and grounds pertaining to the Marine Corps; fuel, electricity, and oil for cooking, power, and other purposes; and sales to officers, $1,523,715.

MILITARY STORES, MARINE CORPS: Pay of chief armorer, at $4 per diem; purchase and repair of military equipments, such as rifles, revolvers, cartridge boxes, bayonet scabbards, haversacks, blanket bags, canteens, rifle slings, swords, drums, trumpets, flags, waistbelts, waist plates, cartridge belts, spare parts for repairing rifles, machetes; tents, field cots, field ovens, and stoves for tents, instruments for bands; purchase of music and musical accessories, articles of field sports for enlisted men, signal equipment and stores; purchase and marking of prizes for excellence in gunnery and rifle practice; good-conduct badges; medals and buttons awarded to officers and enlisted men by the Government for conspicuous, gallant, and special service; incidental expenses of schools of application; construction, equipment, and maintenance of school, library, and amusement rooms and gymnasiums for enlisted men, establishment, rental, and maintenance of camps of instruction, target ranges, and entrance fees in competitions; procuring, preserving, and handling ammunition and other necessary military supplies; in all, $25,277,750.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, and of applicants for enlistment between recruiting stations and recruit depots or posts, including ferriage and transfers en route, or cash in lieu thereof; toilet kits for issue to recruits upon their first enlistment and the expense of the recruiting service, $2,531,856: *Provided*, That hereafter authority is hereby granted to employ the services of advertising agencies in advertising for recruits under such terms and conditions as are most advantageous to the Government.

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REPAIRS OF BARRACKS, MARINE CORPS: Repairs and improvements to barracks, quarters, and other public buildings at posts and stations; for the renting, leasing, improvement, and erection of buildings in the District of Columbia, and at such other places as the public exigencies require, $4,258,204.

FORAGE, MARINE CORPS: For forage in kind and stabling for public animals of the Quartermaster's Department and the authorized number of officers' horses, $294,930.

COMMUTATION OF QUARTERS, MARINE CORPS: Commutation of quarters for enlisted men on recruiting duty, for officers and enlisted men serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them, for enlisted men employed as clerks and messengers in the offices of the commandant, adjutant and inspector, paymaster, and quartermaster, and the offices of the assistant adjutant and inspectors, assistant paymasters, assistant quartermasters, at $21 each per month, and for enlisted men employed as messengers in said offices, at $10 each per month, $1,215,467.

CONTINGENT, MARINE CORPS: For freight, expressage, tolls, cartage, advertising, washing of bed sacks, mattress covers, pillowcases, towels, and sheets, funeral expenses of officers and enlisted men, and retired officers on active duty during the war, and retired enlisted men of the Marine Corps, including the transportation of bodies and their arms and wearing apparel from the place of demise to the homes of the deceased in the United States; stationery and other paper, printing and binding; telegraphing, rent of telephones; purchase, repair, and exchange of typewriters; apprehension of stragglers and deserters; per diem of enlisted men employed on constant labor for periods of not less than ten days; employment of civilian labor; purchase, repair, and installation and maintenance of gas, electric, sewer, and water pipes and fixtures; office and barracks furniture, camp and garrison equipage and implements; mess utensils for enlisted men; packing boxes, wrapping paper, oilcoth, crash, rope, twine, quarantine fees, camphor and carbolized paper, carpenters' tools, tools for police purposes, safes, purchase, hire, repair, and maintenance of such harness, wagons, motor wagons, armored automobiles, carts, drays, motor-propelled and horse-drawn passenger-carrying vehicles, to be used only for official purposes, and other vehicles as are required for the transportation of troops and supplies and for official military and garrison purposes; purchase of public horses and mules; services of veterinary surgeons, and medicines for public animals, and the authorized number of officers' horses; purchase of mounts and horse equipment for all officers below the grade of major required to be mounted; shoeing for public animals and the authorized number of officers' horses; purchase and repair of hose, fire extinguishers, hand grenades, carts, wheelbarrows, and lawn mowers; purchase, installation, and repair of cooking and heating stoves and furnaces; purchase of towels, soap, combs, and brushes for offices; postage stamps for foreign and registered postage; books, newspapers, and periodicals; improving parade grounds; repair of pumps and wharves, water; straw for bedding, mattresses; mattress covers, pillows, sheets; furniture for Government quarters and repair of same; packing and crating officers' allow-

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ance of baggage on change of station; deodorizing, lubricants, disinfectants; and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify, $10,577,780.

In all, for the maintenance of Quartermaster's Department, Marine Corps, $93,203,682; and the money herein specifically appropriated for the maintenance of the Quartermaster's Department, Marine Corps, shall be disbursed and accounted for in accordance with the existing law as maintenance, Quartermaster's Department, Marine Corps, and for that purpose shall constitute one fund.

RESERVE SUPPLIES, MARINE CORPS: Toward the procurement of a reserve stock of clothing, arms, and equipment, and other necessary military supplies, to be immediately available and to remain available until expended, $16,677,200.

Total Marine Corps, including reserve supplies, Marine Corps, exclusive of public works, $160,016,756.14.

The President is hereby authorized and empowered, within the amounts herein appropriated therefor, to take over immediately for the United States possession of and title to each and all of the parcels of land, including appurtenances and improvements for the acquisition of which authority is herein granted and for which appropriations are herein made: *Provided*, That if said lands and appurtenances and improvements shall be taken over as aforesaid, the United States shall make just compensation therefor, to be determined by the President, and if the amount thereof, so determined by the President, is unsatisfactory to the person entitled to receive the same, such person shall be paid seventy-five per centum of the amount so determined by the President and shall be entitled to sue the United States to recover such further sum as added to said seventy-five per centum will make up such amount as will be just compensation therefor, in the manner provided for by section twenty-four, paragraph twenty, section one hundred and forty-five, of the Judicial Code: *Provided further*, That upon the taking over of said property by the President as aforesaid the title to all property so taken over shall immediately vest in the United States.

INCREASE OF THE NAVY.

Of the vessels authorized to be constructed prior to July first, nineteen hundred and nineteen, in the "Act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and seventeen, and for other purposes," approved August twenty-ninth, nineteen hundred and sixteen, the construction of which has not heretofore specifically been directed to be begun shall be begun as soon as practicable, but not later than June thirtieth, nineteen hundred and nineteen.

INCREASE OF THE NAVY, TORPEDO-BOAT DESTROYERS: On account of torpedo-boat destroyers heretofore authorized, to be available until expended, $125,000,000.

INCREASE OF THE NAVY, TORPEDO BOATS: On account of submarine torpedo boats heretofore authorized, to be available until expended, $32,397,000: *Provided*, That the limit of cost of the coast submarines authorized by the Act making appropriations for the naval service

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for the fiscal year ending June thirtieth, nineteen hundred and seventeen, approved August twenty-ninth, nineteen hundred and sixteen, is hereby increased by the sum of $25,000 each.

INCREASE OF THE NAVY, ARMOR AND ARMAMENT: Toward the armor and armament for vessels hetetofore authorized, to be available until expended, $20,000,000.

INCREASE OF THE NAVY, AMMUNITION: On account of ammunition for vessels heretofore authorized, to be available until expended, $7,000,000.

Total increase of the Navy heretofore authorized, $184,397,000.

NAVAL EMERGENCY FUND.

To enable the President to secure the more economical and expeditious delivery of materials, equipment, and munitions and secure the more expeditious construction of ships authorized and for the purchase or construction of such additional torpedo-boat destroyers, submarine chasers, and other naval craft, and for each and every purpose connected therewith, as the President may direct, to be expended at the direction and in the discretion of the President, $100,000,000.

IMPROVING AND EQUIPPING NAVY YARDS FOR CONSTRUCTION OF SHIPS AND TO MEET URGENT NEEDS OF NAVY YARDS, STATIONS, AND BASES: To enable the Secretary of the Navy to equip the navy yards with suitable and necessary machinery, implements, building ways, and equipment for the construction and repair of such vessels as may have been or may be assigned to navy yards and to meet urgent needs of navy yards, stations, and bases, $10,000,000.

That no part of the appropriations made in this Act shall be available for the salary or pay of any officer, manager, superintendent, foreman, or other person having charge of the work of any employee of the United States Government while making or causing to be made with a stop watch or other time-measuring device a time study of any job of any such employee between the starting and completion thereof, or of the movements of any such employee while engaged upon such work; nor shall any part of the appropriations made in this Act be available to pay any premiums or bonus or cash reward to any employee in addition to his regular wages, except for suggestions resulting in improvements or economy in the operation of any Government plant.

That no part of any sum appropriated by this Act shall be used for any expense of the Navy Department at Washington, District of Columbia, unless specific authority is given by law for such expenditure.

All unexpended balances of appropriations made for the Naval Establishment for the fiscal year nineteen hundred and eighteen in the naval appropriation Act and the several Acts making deficiency appropriations are hereby continued and made available for the fiscal year nineteen hundred and nineteen. The balances existing, after all payments made prior to the passage of this Act have been charged, shall be transferred to and merged with the corresponding appropriations contained in this Act: *Provided*, That prior to the transfer there may be charged against these balances the expenditures prior

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to July first, nineteen hundred and eighteen, on account of the accrued pay of officers and enlisted men of the Navy and Marine Corps, accrued pay of civilian employees, and supplies issued from the Naval Supply Account.

All appropriations contained in this Act are hereby made immediately available, but no appropriation in this Act shall be used for payment of deficiencies.

Approved, July 1, 1918.

4832°—S. Doc. 428, 66-3——37

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[PUBLIC—No. 191—65TH CONGRESS.]

[H. R. 12600.]

AN ACT Making appropriations to supply deficiencies in appropriations for the fiscal year ending June thirtieth, nineteen hundred and eighteen, and prior fiscal years, on account of war expenses, and for other purposes.

* * * * *

PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

LAND FOR WAREHOUSES: For the purchase of land for terminal warehouses between Twenty-eighth and Thirty-second Streets and Second and Third Avenues, South Brooklyn, New York, $99,085.90, or so much thereof as may be necessary.

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SIXTY-FIFTH CONGRESS, SECOND SESSION—OCTOBER 17, 1918.

[PUBLIC—No. 223—65TH Congress.]

[H. R. 12982.]

AN ACT To authorize the Secretary of the Navy to purchase from the Commonwealth of Massachusetts a large dry dock and appurtenant lands.

* * * * *

That the Secretary of the Navy is hereby authorized to contract with the Commonwealth of Massachusetts for the purchase of the dry dock, with its equipment, now under construction at Boston by the Commonwealth of Massachusetts, together with the land adjacent thereto necessary for the proper utilization of said dock, and there is hereby appropriated for said purpose the sum of $4,550,000, or so much thereof as may be necessary: *Provided*, That the Secretary of the Navy, in his discretion, in order to expedite the completion of the construction of said dry dock, may expend out of the sum above appropriated an amount not exceeding $350,000.

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[PUBLIC—No. 233—65TH CONGRESS.]

[H. R. 13086.]

AN ACT Making appropriations to supply deficiencies in appropriations for the fiscal year ending June 30, 1919, and prior fiscal years, on account of war expenses, and for other purposes.

* * * * *

PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

NAVY YARD, BOSTON, MASSACHUSETTS: For waterfront improvements, $170,000.

NAVAL OPERATING BASE, HAMPTON ROADS, VIRGINIA: For station development, $1,174,556.68.

NAVY YARD, NORFOLK, VIRGINIA: For completion of dry dock and for accessories, $856,508.69.

NAVY YARD, MARE ISLAND, CALIFORNIA: For structural shop and auxiliary improvements, $1,500,000.

NAVAL TRAINING STATION, CALIFORNIA: For water supply, $55,000.

ORDNANCE STATIONS: For improvements at stations under the jurisdiction of the Bureau of Ordnance, $1,727,000.

TRAINING CAMPS: For construction and equipment of training camps, including the rental of land, $28,560,807.61.

DEPOTS FOR FUEL: For fuel-oil storage, $322,500.

HOSPITAL CONSTRUCTION: For the establishment of naval medical supply depots at Brooklyn, New York, and Mare Island, California, $200,000; for such additional temporary hospital construction and repairs as may be necessary, $5,000,000; in all, $5,200,000.

The Secretary of the Navy is authorized to expend at any of the places named in the naval appropriation Act for the fiscal year 1919, under the head of "Hospital construction," any sum appropriated by said Act under such head and not required for expenditure at any other of said places.

TEMPORARY STORAGE: For temporary storage, $3,200,000.

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[PUBLIC—No. 247—65TH CONGRESS.]

[H. R. 12916.]

AN ACT To provide for the temporary promotion of commissioned officers of the Marine Corps serving with the Army.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That commissioned officers of the Marine Corps, detached for duty with the Army under the provisions of section sixteen hundred and twenty-one, Revised Statutes, shall be eligible, in the same manner as officers of the Regular Army, for temporary promotion to higher grades in any of the forces provided by the Act entitled "An Act to authorize the President to increase temporarily the Military Establishment of the United States," approved May eighteenth, nineteen hundred and seventeen: *Provided*, That officers of the Marine Corps temporarily promoted to higher grades in any of the forces of the Army under the provisions of this Act shall not thereby vacate their permanent appointments or commissions, or be prejudiced in their relative lineal standing in the Marine Corps: *Provided further*, That temporary vacancies in the Marine Corps caused by the appointment of officers to higher grades in the Army shall be temporarily filled in the same manner as is now prescribed by law: *And provided further*, That the temporary promotions herein authorized shall continue only while such officers are detached for duty with the Army.

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[PUBLIC—No. 248—65TH CONGRESS.]

[H. R. 12945.]

AN ACT Providing for the purchase of uniforms, accouterments, and equipment by officers of the Navy, Marine Corps, and Coast Guard, and midshipmen at the Naval Academy from the Government at cost.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That hereafter uniforms, accouterments, and equipment shall, upon the request of any officer of the Navy or any officer of the Marine Corps or any officer of the Coast Guard while operating with the Navy or any midshipman at the Naval Academy or cadets at the Coast Guard Academy, be furnished by the Government at cost, subject to such restrictions and regulations as the Secretary of the Navy may prescribe.

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[PUBLIC—NO. 253—65TH CONGRESS.]

[H. R. 12194.]

AN ACT To provide for the award of medals of honor, distinguished-service medals, and Navy crosses, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the President of the United States be, and he is hereby, authorized to present, in the name of Congress, a medal of honor to any person who, while in the naval service of the United States, shall, in action involving actual conflict with the enemy, distinguish himself conspicuously by gallantry and intrepidity at the risk of his life above and beyond the call of duty and without detriment to the mission of his command or the command to which attached.

SEC. 2. That the President be, and he hereby is, further authorized to present, but not in the name of Congress, a distinguished-service medal of appropriate design and a ribbon, together with a rosette or other device to be worn in lieu thereof, to any person who, while in the naval service of the United States, since the sixth day of April, nineteen hundred and seventeen, has distinguished, or who hereafter shall distinguish, himself by exceptionally meritorious service to the Government in a duty of great responsibility.

SEC. 3. That the President be, and he hereby is, further authorized to present, but not in the name of Congress, a Navy cross of appropriate design and a ribbon, together with a rosette or other device to be worn in lieu thereof, to any person who, while in the naval service of the United States, since the sixth day of April, nineteen hundred and seventeen, has distinguished, or who shall hereafter distinguish, himself by extraordinary heroism or distinguished service in the line of his profession, such heroism or service not being sufficient to justify the award of a medal of honor or a distinguished-service medal.

SEC. 4. That each enlisted or enrolled person of the naval service to whom is awarded a medal of honor, distinguished-service medal, or a Navy cross shall, for each such award, be entitled to additional pay at the rate of $2 per month from the date of the distinguished act or service on which the award is based, and each bar, or other suitable emblem or insignia, in lieu of a medal of honor, distinguished-service medal, or Navy cross, as

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hereinafter provided for, shall entitle him to further additional pay at the rate of $2 per month from the date of the distinguished act or service for which the bar is awarded, and such additional pay shall continue throughout his active service, whether such service shall or shall not be continuous.

SEC. 5. That no more than one medal of honor or one distinguished-service medal or one Navy cross shall be issued to any one person; but for each succeeding deed or service sufficient to justify the award of a medal of honor or a distinguished-service medal or Navy cross, respectively, the President may award a suitable bar, or other suitable emblem or insignia, to be worn with the decoration and the corresponding rosette or other device.

SEC. 6. That the Secretary of the Navy is hereby authorized to expend from the appropriation "Pay of the Navy" of the Navy Department so much as may be necessary to defray the cost of the medals of honor, distinguished-service medals, and Navy crosses, and bars, emblems, or insignia herein provided for, and so much as may be necessary to replace any medals, crosses, bars, emblems, or insignia as are herein or may heretofore have been provided for: *Provided*, That such replacement shall be made only in those cases where the medal of honor, distinguished-service medal, or Navy cross, or bar, emblem, or insignia presented under the provisions of this or any other Act shall have been lost, destroyed, or rendered unfit for use without fault or neglect on the part of the person to whom it was awarded, and shall be made without charge therefor.

SEC. 7. That, except as otherwise prescribed herein, no medal of honor, distinguished-service medal, Navy cross, or bar or other suitable emblem or insignia in lieu of either of said medals or of said cross, shall be issued to any person after more than five years from the date of the act or service justifying the award thereof, nor unless a specific statement or report distinctly setting forth the act or distinguished service and suggesting or recommending official recognition thereof shall have been made by his naval superior through official channels at the time of the act or service or within three years thereafter.

SEC. 8. That in case an individual who shall distinguish himself dies before the making of the award to which he may be entitled the award may nevertheless be made and the medal or cross or the bar or other emblem or insignia presented within five years from the date of the act or service justifying the award thereof to such representative of the deceased as the President may designate: *Provided*, That no medal or cross or no bar or other emblem or insignia shall be awarded or presented to any individual or to the representative of any individual whose entire service subsequent to the time he distinguished himself shall not have been honorable: *Provided further*, That in cases of persons now in the naval service for whom the

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award of the medal of honor has been recommended in full compliance with then existing regulations, but on account of services which, though insufficient fully to justify the award of the medal of honor, appears to have been such as to justify the award of the distinguished-service medal or Navy cross hereinbefore provided for, such cases may be considered and acted upon under the provisions of this Act authorizing the award of the distinguished-service medal and Navy cross notwithstanding that said services may have been rendered more than five years before said cases shall have been considered as authorized by this proviso, but all consideration or any action upon any of said cases shall be based exclusively upon official records now on file in the Navy Department.

SEC. 9. That the President be, and he hereby is, authorized to delegate, under such conditions, regulations, and limitations as he shall prescribe, to flag officers who are commanders in chief or commanding on important independent duty the power conferred upon him by this Act to award the Navy cross; and he is further authorized to make from time to time any and all rules, regulations, and orders which he shall deem necessary to carry into effect the provisions of this Act and to execute the full purpose and intention thereof.

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SIXTY-FIFTH CONGRESS, SECOND SESSION—FEBRUARY 25, 1919.

[PUBLIC—No. 275—65TH CONGRESS.]

[H. R. 15140.]

AN ACT Making appropriations to supply deficiencies in appropriations for the fiscal year ending June 30, 1919, and prior fiscal years, and for other purposes.

* * * * * * *

PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

NAVY YARD, WASHINGTON, DISTRICT OF COLUMBIA: For yard improvements, $500,000.

NAVAL STATION, PEARL HARBOR, HAWAII: For completion of dry dock, $78,000.

BUILDINGS AND GROUNDS, NAVAL ACADEMY: For extension of Bancroft Hall, $750,000.

REPAIRS AND PRESERVATION AT NAVY YARDS: For repairs and preservation at navy yards, fuel depots, fuel plants, and stations, $750,000.

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SIXTY-FIFTH CONGRESS, SECOND SESSION—FEBRUARY 28, 1919.

[PUBLIC—NO. 300—65TH CONGRESS.]

[H. R. 13366.]

AN ACT Permitting any person who has served in the United States Army, Navy, or Marine Corps in the present war to retain his uniform and personal equipment, and to wear the same under certain conditions.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That any person who served in the United States Army, Navy, or Marine Corps in the present war may, upon honorable discharge and return to civil life, permanently retain one complete suit of outer uniform clothing, including the overcoat, and such articles of personal apparel and equipment as may be authorized, respectively, by the Secretary of War or the Secretary of the Navy, and may wear such uniform clothing after such discharge: *Provided,* That the uniform above referred to shall include some distinctive mark or insignia, to be prescribed respectively, by the Secretary of War or the Secretary of the Navy, such mark or insignia to be issued, respectively, by the War Department or Navy Department to all enlisted personnel so discharged. The word "Navy" shall include the officers and enlisted personnel of the Coast Guard who have served with the Navy during the present war.

SEC. 2. That the provisions of this Act shall apply to all persons who served in the United States Army, Navy, or Marine Corps during the present war honorably discharged since April sixth, nineteen hundred and seventeen. And in cases where such clothing and uniforms have been restored to the Government on their discharge the same or similar clothing and uniform in kind and value as near as may be shall be returned and given to such soldiers, sailors, and marines.

SEC. 3. That section one hundred and twenty-six of the Act entitled "An Act for making further and more effectual provision for the national defense, and for other purposes," approved June third, nineteen hundred and sixteen, be amended to read as follows:

"SEC. 126. That an enlisted man honorably discharged from the Army, Navy, or Marine Corps since November eleventh, nineteen hundred and eighteen, or who may hereafter be honorably discharged, shall receive five cents per mile from the place of his discharge to his actual bona

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fide home or residence, or original muster into the service, at his option: *Provided*, That for sea travel on discharge, transportation and subsistence only shall be furnished to enlisted men: *Provided*, That naval reservists duly enrolled who have been honorably released from active service since November eleventh, nineteen hundred and eighteen, or who may hereafter be honorably released from active service, shall be entitled likewise to receive mileage as aforesaid."

SEC. 4. That all Acts or parts of Acts inconsistent with the provisions of this Act are hereby repealed.

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[PUBLIC—NO. 340—65TH CONGRESS.]

[H. R. 12860.]

AN ACT Granting to members of the Army Nurse Corps (female) and Navy Nurse Corps (female), Army field clerks, field clerks, Quartermaster Corps, and civil employees of the Army pay and allowances during any period of involuntary captivity by the enemy of the United States.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That members of the Army Nurse Corps (female) or of the Navy Nurse Corps (female), Army field clerks, field clerks, Quartermaster Corps, and civil employees of the Army, shall be entitled to full pay and allowances during any period of involuntary captivity by the enemy of the United States; and their right to such full pay and allowances shall not be abridged or lost by reason of absence from duty when that absence is caused by involuntary captivity by the enemy of the United States. Any captivity by the enemy shall be construed to be involuntary until the contrary shall be affirmatively established.

All rights and privileges hereunder shall be in force from April sixth, nineteen hundred and seventeen, to the end of the existing war.

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[PUBLIC—No. 8—66TH CONGRESS.]

[H. R. 5608.]

AN ACT Making appropriations for the naval service for the fiscal year ending June 30, 1920, and for other purposes.

Naval service appropriations.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending June 30, 1920, and for other purposes:

GENERAL EXPENSES.

Schedule of all pay and allowances to be sent to Congress.

The Secretary of the Navy shall send to Congress at the beginning of its next regular session a complete schedule or list showing the amount of money of all pay and for all allowances for each grade of officers in the Navy, including retired officers, and for all officers included in this Act and for all enlisted men so included.

PAY, MISCELLANEOUS.

Expenses designated.

Mileage.

Expenses.

For commissions and interest; transportation of funds; exchange; mileage to officers while traveling under orders in the United States, and for actual personal expenses of officers while traveling abroad under orders, and for traveling expenses of civilian employees, *and for mileage, at 5 cents per mile, to midshipmen entering the Naval Academy subsequent to June 1, 1919,* while proceeding from their homes to the Naval Academy for examination and appointment as midshipmen; for actual traveling expenses of female nurses; actual expenses of officers while on shore patrol duty; mileage to officers of the Naval Reserve Force traveling under orders of the Secretary of the Navy; hire of launches or other small boats in Asiatic waters; for rent of buildings and offices not in navy yards, including the rental of offices in the District of Columbia; expenses of courts-martial, prisoners and prisons, and courts of inquiry, boards of inspection, examining boards, with clerks, and witnesses' fees, and traveling expenses and costs; expenses of naval defense districts; stationery and recording; religious books; newspapers and periodicals for the naval service; all advertising for the Navy Department and its bureaus

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(except advertising for recruits for the Bureau of Navigation); copying; ferriage; tolls; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; recovery of valuables from shipwrecks; quarantine expenses; reports; professional investigation; cost of special instruction at home and abroad, including maintenance of students and attaches: *Provided, That this appropriation and the appropriation "Pay, Marine Corps," shall be available for special allowances for maintenance to officers and enlisted men of the Navy and Marine Corps serving under unusual conditions;* information from abroad and at home, and the collection and classification thereof; all charges pertaining to the Navy Department and its bureaus for ice for the cooling of drinking water on shore (except at naval hospitals), telephone rentals and tolls, telegrams, cablegrams, and postage, foreign and domestic, and post-office box rentals; and other necessary and incidental expenses: *Provided further,* That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for clerical, inspection, and messenger service in navy yards, naval stations, for the fiscal year ending June 30, 1920, shall not exceed *$450,000,* and for necessary expenses for the interned persons and prisoners of war under the jurisdiction of the Navy Department, including funeral expenses for such interned persons or prisoners of war as may die while under such jurisdiction; in all, *$5,100,000; Provided, That the Secretary of the Navy is authorized to consider, ascertain, adjust, determine, and pay the amounts due in all claims for damages (other than such as are occasioned by vessels of the Navy), to and loss of privately owned property, occurring subsequent to April 6, 1917, where the amount of the claim does not exceed $500, for which damage or loss men in the naval service or Marine Corps are found to be responsible, all payments in settlement of said claims to be made out of the appropriation "Pay, miscellaneous": Provided further, That all claims adjusted under this authority during any fiscal year shall be reported in detail to the Congress by the Secretary of the Navy.*

Information from abroad, etc.

Clerical, etc.

Interned persons and prisoners of war.

Claims for damages.

Disbursing officers.

The accounting officers of the Treasury shall relieve any disbursing officer of the Navy charged with responsibility on account of loss or deficiency while in the line of his duty, of Government funds, vouchers, records, or papers, in his charge, where such loss or deficiency occurred without fault or negligence on the part of said officer: Provided, That the Secretary of the Navy shall have determined that the officer was in the line of his duty, and the loss or deficiency occurred without fault or negligence on his part: Provided further, That the determination by the Secretary of the Navy of the aforesaid questions shall be conclusive upon the accounting officers of the Treasury: Provided further, That all cases of relief granted under this authority during any fiscal year shall be reported in detail to the Congress by the Secretary of the Navy.

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The interchange without compensation therefor, of military stores, supplies, and equipment of every character, including real estate owned by the Government, is hereby authorized between the Army and the Navy upon the request of the head of one service and with the approval of the head of the other service. Interchange, Army-Navy.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses, exclusive of personal services in the Navy Department, or any of its subordinate bureaus or offices at Washington, District of Columbia, arising at home or abroad, but impossible to be anticipated or classified, to be expended on the approval and authority of the Secretary of the Navy, and for such purposes as he may deem proper, $150,000. Contingent.

TEMPORARY GOVERNMENT FOR WEST INDIAN ISLANDS: For expenses incident to the occupation of the Virgin Islands and to the execution of the provisions of the act providing a temporary government for the West Indian Islands acquired by the United States from Denmark, and for other purposes, approved March 3, 1917, to be applied under the direction of the President, $200,000. Government West Indian Islands.

INVESTIGATION OF FUEL OIL: For an investigation of fuel oil and gasoline adapted to naval requirements, including the question of supply and storage and the availability economically and otherwise of such supply as may be allowed by the naval reserves on the public domain, and for such other expenses for transportation and hire of vehicles in connection with naval petroleum reserves, as the Secretary of the Navy may deem appropriate, for the purchase of necessary instruments and appliances, for the extension of the naval fuel-oil testing plant at the navy yard, Philadelphia, Pennsylvania, and the temporary employment of civilian experts and assistants, *$30,000.* Fuel oil.

EXPENSES, CIVILIAN NAVAL CONSULTING BOARD: For actual expenses incurred by and in connection with the civilian Naval Consulting Board, *$25,000.* Consulting Board.

AVIATION, NAVY: For aviation, to be expended under the direction of the Secretary of the Navy for procuring, producing, constructing, operating, preserving, storing, and handling aircraft, establishment and maintenance of aircraft stations, for experimental work in development of aviation for naval purposes, *and for the purchase or manufacture and issue of special clothing, wearing apparel, and similar equipment for aviation purposes, $25,000,000 to be expended as follows: For necessary aircraft and equipment for fleet use, $3,027,250; for the purchase abroad of five special type planes, $100,000; for the erection on Government-owned land of two hangars for two large dirigibles, $3,700,000; for the construction of one rigid dirigible, $1,500,000; for the purchase abroad of one dirigible of the latest type, $2,500,000; for the conversion of the United States steamship Jupiter into an aeroplane carrier, $500,000; for the conversion of two merchant vessels into aircraft* Aviation.

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tenders, $700,000; for the maintenance and operation of aircraft factory, helium plant and aircraft stations, $3,008,007; for continuing experiments and development work for all types of aircraft, $6,700,000; for flying equipment for Marine Corps advanced base units, $618,000; for general and miscellaneous contingencies, $2,646,743; and the money herein specifically appropriated for "Aviation" shall be disbursed and accounted for in accordance with existing law as "Aviation" and for that purpose shall constitute one fund: Provided, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for drafting, clerical, inspection, and messenger service for aircraft stations shall not exceed $300,000:

Claims.

Provided further, That the Secretary of the Navy is hereby authorized to consider, ascertain, adjust, determine, and pay out of this appropriation the amounts due on claims for damages which have occurred or may occur to private property growing out of the operations of naval aircraft, *where such claim does nor exceed the sum of $500: Provided further, That all claims adjusted under this authority during any fiscal year shall be reported in detail to the Congress by the Secretary of the Navy: Provided further, That no part of this appropriation shall be expended for*

Air stations.

maintenance of more than six heavier-than-air stations on the coasts of continental United States: Provided further, That no part of this appropriation shall be used for the construction of a factory for the manufacture of aeroplanes:

Joint report on aircraft.

Provided further, That the Secreatry of War, the Postmaster General, and the Secretary of the Navy shall submit to Congress on the first day of the next regular session a joint report of aircraft under their respective jurisdiction on November 1, 1919, showing the number, type, and cost of all aircraft built, building, and under contract to be built, the number and type of aircraft to be constructed in Government plants for which material has been delivered, is in course of delivery, or is on order, and showing in detail what facilities of every kind are maintained wholly or in part by each, and where, for procuring, producing, constructing, inflating, operating, supplying, preserving, storing, and handling aircraft, indicating as to such as occupy rented property the area and annual rental.

Marine schools.

STATE MARINE SCHOOLS: To reimburse the State of New York $25,000, the State of Massachusetts $25,000, and the State of Washington $25,000, for expenses incurred in the maintenance and support of marine schools in those States in accordance with section 2 of the Act entitled "An Act for the establishment of marine schools, and for other purposes," approved March 4, 1911; in all, $75,000.

Lepers, Guam.

CARE OF LEPERS, ETC., ISLAND OF GUAM: Naval station, island of Guam: Maintenance and care of lepers, special patients, and for other purposes, including cost of transfer of lepers from Guam to the island of Culion, in the Philippines, and their maintenance, $20,000.

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BUREAU OF NAVIGATION.

Bureau navigation.

Transportation and Recruiting: For travel allowance of enlisted men discharged on account of expiration of enlistment; transportation of enlisted men and apprentice seamen and applicants for enlistment at home and abroad, with subsistence and transfers en route, or cash in lieu thereof; transportation to their homes, if residents of the United States, of enlisted men and apprentice seamen discharged on medical survey, with subsistence and transfers en route, or cash in lieu thereof; transportation of sick or insane enlisted men and apprentice seamen to hospitals, with subsistence and transfers en route, or cash in lieu thereof; transportation of enlisted men of the Naval Reserve Force to and from duty, with subsistence and transfers en route, or cash in lieu thereof; transportation of civilian officers and crews of naval auxiliaries; apprehension and delivery of deserters and stragglers, and for railway guides and other expenses incident to transportation; expenses of recruiting for the naval service; rent of rendezvous and expenses of maintaining the same; rental, maintenance, operation, exchange, and repair of motor-propelled passenger-carrying vehicles for official use; advertising for and obtaining men and apprentice seamen; actual and necessary expenses in lieu of mileage to officers on duty with traveling recruiting parties, *$9,000,000.*

Transportation. Recruiting.

Until June 30, 1920, enlistments in the Navy may be for terms of two, three or four years, and all laws now applicable to four year enlistments shall apply, under such regulations as may be prescribed by the Secretary of the Navy, to enlistments for a shorter period with proportionate benefits upon discharge and reenlistment.

Two, three, and four year enlistments.

Recreation for enlisted men: For the recreation, amusement, comfort, contentment, and health of the Navy, and for such other purposes of like character as the Secretary of the Navy may deem advisable, to be expended in the discretion of the Secretary of the Navy, under such regulations as he may prescribe: *Provided,* That no person shall be employed hereunder at a rate of compensation exceeding $1,800 per annum, *$400,000.*

Recreation.

Contingent: Ferriage, continuous-service certificates, discharges, good-conduct badges, and medals for men and boys, including civilian employees who render conspicuous service by putting their life in jeopardy to save life or property; purchase of gymnastic apparatus; transportation of effects of deceased officers and enlisted men of the Navy, and of officers and enrolled men of the Naval Reserve Force who die while on duty; books for training apprentice seamen and landsmen; maintenance of gunnery and other training classes; packing boxes and materials; books and models; stationery; and other contingent expenses and emergencies arising under cognizance of the Bureau of Navigation, unforeseen and impossible to classify, $20,000.

Contingent. Expenses.

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Exercises.

GUNNERY AND ENGINEERING EXERCISES: Prizes, trophies, and badges for excellence in gunnery, target practice, engineering exercises, and for economy in coal consumption, to be awarded under such rules as the Secretary of the Navy may formulate; for the purpose of printing, recording, classifying, compiling, and publishing the rules and results; for the establishment and maintenance of shooting galleries, target houses, targets, and ranges; for hiring established ranges, and for transporting the civilian assistants and equipment to and from ranges, *$350,000.*

Outfits, first enlistment.

OUTFITS ON FIRST ENLISTMENT: Outfits for all enlisted men and apprentice seamen of the Navy on first enlistment, at not to exceed $100 each; for civilian clothing, not to exceed $15 per man, to men given discharges for bad conduct, undesirability, or inaptitude; in all, *$9,000,000.*

Uniform gratuity, N. R. F.

Officers of the United States Naval Reserve Force who were transferred from the National Naval Volunteers under the provisions of the act of July 1, 1918, shall be paid the same uniform gratuity as other officers of the Naval Reserve Force: Provided, That they shall not have received from any State such gratuity.

Instruments and supplies.

Instruments and supplies: Supplies for seamen's quarters; and for the purchase of all other articles of equipage at home and abroad; and for the payment of labor in equipping vessels therewith and manufacture of such articles in the several navy yards; all pilotage and towage of ships of war; canal tolls, wharfage, dock and port charges, and other necessary incidental expenses of a similar nature; services and materials in repairing, correcting, adjusting, and testing compasses on shore and on board ship; nautical and astronomical instruments and repairs to same; libraries for ships of war, professional books, schoolbooks, and papers; maintenance of gunnery and other training classes; compasses, compass fittings, including binacles, tripods, and other appendages of ship's compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; photographs, photographic instruments and materials, printing outfit and materials; and for the necessary civilian electricians for gyrocompass testing and inspection, *$1,500,000.*

Ocean and lake surveys.

OCEAN AND LAKE SURVEYS: Hydrographic surveys, including the pay of the necessary hydrographic surveyor, cartographic draftsmen, and recorders, and for the purchase and printing of nautical books, charts, and sailing directions, $155,000: *Provided,* That the Secretary of the Navy is authorized to detail such naval officers as may be necessary to the Hydrographic Office.

Schools or camps of instruction.

SCHOOLS OR CAMPS OF INSTRUCTION: Naval Reserve Force: That of the unexpended and unobligated balance remaining of all money heretofore appropriated and of the appropriation authorized in Public Numbered 182, Sixty-fifth Congress, approved July 1, 1918, under the heading

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"Schools or Camps of Instruction, Naval Reserve Force, for assembling, training, and instructing recruits and reserves of all classes, including the crews of section patrols, submarines, and submarine chasers, and beach patrol, and for all purposes connected therewith," $500,000 is hereby reappropriated for the purpose of paying all obligations or claims incurred at the instance of the Navy Department in carrying out the provisions of said acts and for the purpose of paying all expenses incident to the closing of the schools maintained and operated in pursuance of said acts.

Naval training station, California.

NAVAL TRAINING STATION, CALIFORNIA: Maintenance of naval training station, Yerba Buena Island, California: Labor and material; buildings and wharves; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street car fare; purchase and maintenance of live stock, and attendance on same; *motor-propelled vehicles*, wagons, carts, implements, tools, and repairs to same, including the maintenance, repair, and operation of one *motor-propelled* passenger-carrying vehicle, to be used only for official purposes; fire engines and extinguishers; gymnastic implements, models, and other articles needed in instruction of apprentice seamen; printing outfit and materials, and maintenance of same; heating and lighting; stationery, books, schoolbooks, and periodicals; fresh water, and washing; packing boxes and materials; and all other contingent expenses; maintenance of dispensary building; lectures and suitable entertainments for apprentice seamen; in all, $225,000.

Naval training station, Rhode Island.

NAVAL TRAINING STATION, RHODE ISLAND: Maintenance of naval training station, Coasters Harbor Island, Rhode Island: Labor and material, buildings and wharves; dredging channels; extending sea walls; repairs to causeway and sea wall; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street car fare; purchase and maintenance of live stock, and attendance on same; *motor-propelled vehicles*, wagons, carts, implements, and tools, and repairs to same, including the maintenance, repair, and operation of two horse-drawn passenger-carrying vehicles to be used only for official purposes; fire engines and extinguishers; gymnastic implements; models and other articles needed in instruction of apprentice seamen; printing outfit and materials, and maintenance of same; heating and lighting; stationery, books, schoolbooks, and periodicals; fresh water, and washing; packing boxes and materials; and all other contingent expenses; lectures and suitable entertainments for apprentice seamen; in all, $350,000: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, drafting, inspection, and messenger service for the fiscal year ending June 30, 1920, shall not exceed $15,701.60.

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Naval training station, Great Lakes.

NAVAL TRAINING STATION, GREAT LAKES: Maintenance of naval training station: Labor and material; general care, repairs, and improvements of grounds, buildings, and piers; street car fare; purchase and maintenance of live stock, and attendance on same; motor-propelled vehicles, wagons, carts, implements, and tools, and repairs to same, including the maintenance, repair, and operation of one motor-propelled passenger-carrying vehicle, and one horse-drawn passenger-carrying vehicle to be used only for official purposes; fire apparatus and extinguishers; gymnastic implements; models and other articles needed in instruction of apprentice seamen; printing outfit and material, and maintenance of same; heating and lighting, and repairs to power-plant equipment, distributing mains, tunnel, and conduits; stationery, books, schoolbooks, and periodicals; washing; packing boxes and materials; lectures and suitable entertainments for apprentice seamen; and all other contingent expenses: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, drafting, inspection, and messenger service for the fiscal year ending June 30, 1920, shall not exceed $6,000; in all, naval training station, Great Lakes, *$850,000.*

Station at St Helena and base, Hampton Roads.

NAVAL TRAINING STATION, SAINT HELENA, *AND NAVAL OPERATING BASE, HAMPTON ROADS, VIRGINIA:* Maintenance of naval training stations at Saint Helena and at naval operating base, Virginia, labor and material, general care, repairs, and improvements; schoolbooks; and all other incidental expenses, $310,000.

Reserve Force.

NAVAL RESERVE FORCE: For expenses of organizing, administering, and recruiting the Naval Reserve Force, $50,000.

Receiving barracks.

RECEIVING BARRACKS: Maintenance of receiving barracks, for a period not exceeding six months, $100,000.

War College, Rhode Island.

NAVAL WAR COLLEGE, RHODE ISLAND: For maintenance of the Naval War College on Coasters Harbor Island, including the maintenance, repair, and operation of one horse-drawn passenger-carrying vehicle to be used only for official purposes; and care of grounds for same, *$82,750;* services of a professor of international law, $2,000; services of civilian lecturers, rendered at the War College, *$1,200;* care and preservation of the library, including the purchase, binding, and repair of books of reference and periodicals, *$5,000: Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, inspection, drafting, and messenger service for the fiscal year ending June 30, 1920, shall not exceed *$50,000;* in all, Naval War College, Rhode Island, *$90,950.*

Naval Home, Philadelphia.

Employees, pay of.

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA, PAY OF EMPLOYEES: One secretary, $1,800; one foreman mechanic, $1,800; one superintendent of grounds, at $900; one steward, at $900; one store laborer, at *$660;* one

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matron and office assistant, at *$720;* one beneficiaries, attendant, at *$480;* one chief cook, at *$660;* one assistant cook, at *$540;* one assistant cook, at *$480;* one chief laundress, at *$420; two laundresses, at $360 each; three laundresses, at $300 each;* one chief scrubber, at *$420;* three scrubbers, at *$360* each; one head waitress, at *$480; four waitresses, at $360 each; four waitresses, at $300 each;* one kitchen attendant, at *$540; seven laborers, at $600 each; five laborers, at $540 each;* one stable keeper and driver, at *$660;* one master at arms, at *$900;* two house corporals, at *$600* each; one barber, at *$600;* one carpenter, at *$1,200;* one painter, at *$1,200;* one painter, at *$1,020;* one engineer, *$1,080;* four laborers, at *$720* each; *three laborers, at $840 each; one laborer, at $600; one chauffeur, coal truck, at $960; one chauffeur, small truck, at $840; one chauffeur, governor's car, $840;* total for employees, *$39,540.*

Maintenance.

MAINTENANCE: Water rent, heating, and lighting; cemetery, burial expenses and headstones; general care and improvements of grounds, buildings, walls, and fences; repairs to power-plant equipment, implements, tools, and furniture, and purchase of the same; music in chapel and entertainments for beneficiaries; stationery, books, and periodicals; transportation of indigent and destitute beneficiaries to the Naval Home, and of sick and insane beneficiaries, their attendants and necessary subsistence for both, to and from other Government hospitals; employment of such beneficiaries in and about the Naval Home, as may be authorized by the Secretary of the Navy, on the recommendation of the governor; support of beneficiaries, and all other contingent expenses, including the maintenance, repair, and operation of *one* horse-drawn passenger-carrying vehicle, *two motor-propelled vehicles and one motor-propelled passenger-carrying vehicle,* to be used only for official purposes, *$105,366;* in all, Naval Home, *$144,906,* which sum shall be paid out of the income from the naval pension fund.

Enlisted strength.

The total authorized enlisted strength of the active list of the Navy is hereby temporarily increased from 131,485 during the period from July 1, 1919, to September 30, 1919, to 241,000 men, and from October 1, 1919, to December 31, 1919, to 191,000 men, and from January 1, 1920, to June 30, 1920, to 170,000 men and the President is hereby authorized, whenever in his judgment a sufficient national emergency exists, to increase the authorized enlisted strength of the Navy to 191,000 men, and the Secretary of the Navy is hereby authorized to call to or continue on active service on strictly naval duties, with their consent, such numbers of the male members and nurses of the Naval Reserve Force in enlisted ratings as may be necessary to supply deficiencies to maintain the total authorized strength for the periods herein authorized. The foregoing total authorized strength shall include the hospital corps, apprentice seamen, those sentenced by court-martial to discharge, enlisted men of the

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Active duty, N. R. F.

Flying Corps, those under instruction in trade schools, and members of the Naval Reserve Force so serving. That during the fiscal year ending June 30, 1920, no member of the Naval Reserve Force shall be recalled to active duty for training or any other purpose except as hereinbefore provided: Provided, That the average number of commissioned officers of the line, permanent, temporary, and reserves on active duty, shall not exceed during the periods aforesaid, 4 per centum of the total temporary authorized enlisted strength of the Regular and Temporary Navy, and members of the Naval Reserve Force in enlisted ratings on active duty, and the number of staff officers shall be in the same proportion as provided under existing law: Provided further, That nothing herein shall be construed as affecting the permanent, commissioned, or enlisted strength of the Regular Navy as authorized by existing law.

Commissioned, active duty.

Female members, N. R. F. Inactive duty.

Female members, except nurses, of the Naval Reserve Force and the Marine Corps Reserve shall, as soon as practicable and in no event later than thirty days after the date of approval of this Act, be placed on inactive duty. Members of the Naval Reserve Force shall not hereafter be ordered to perform active duty on shore of a kind which is ordinarily performed by civilians, and all reservists now performing such duty shall be relieved from such duty within thirty days after the date of approval of this Act.

Civil appointments.

Members of the Naval Reserve Force and Marine Corps Reserve whose conduct, services and efficiency have demonstrated the desirability of their retention may, in the discretion of the Secretary of the Navy, be given temporary civil appointments in the Navy Department or Naval Establishment at the ordinary and usual rates of pay accorded employees performing a similar character of work, provided such services are necessary.

Members of the Naval Reserve Force and Marine Corps Reserve who accept such temporary civil appointments shall be given an opportunity to qualify by a civil service examination for certification in accordance with civil service rules to fill such vacancies as may occur, in cases where they are not already eligible for appointment or reinstatement. All temporary appointments made hereunder shall terminate not later than June 30, 1920. For pay of reservists so transferred to the civil establishment, or civil service employees appointed in lieu thereof, $8,613,220, their pay prior to transfer to be charged to the appropriation "Pay of the Navy," and the Secretary of the Navy shall submit to Congress on the first day of the next regular session a statement showing the number and designation of the persons employed hereunder and the rate of compensation paid to each: Provided, That no employee paid under the provisions of this paragraph, except expert technicists, shall receive annual compensation in excess of $2,000 for services rendered in the Navy Department, Washington, District of Columbia: Provided further, That not more than twenty-four employees shall be so appointed at a compensation exceeding $2,000 per

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annum, and that in no case shall the compensation exceed $4,000 per annum.

Selection board, convening of.

The provision of existing law which requires the Secretary of the Navy to make computations semiannually as of July 1 and January 1 of each year and to convene the boards to select officers of the line and of the staff corps for promotion is hereby amended so that said computations shall be made and said boards shall be convened at least once each year and at such times as the Secretary of the Navy may direct, and the boards shall recommend for promotion such number of officers as may be necessary to fill vacancies then existing and which may occur during the next period of time.

That nothing contained in this Act shall be construed to reduce the pay or allowances of any commissioned, warrant, or appointed officer or any enlisted man as authorized by law for such officer or enlisted man in his present permanent status in the Regular Navy.

Transfer from N. R. F. to regular Navy.

Enrolled men of the Naval Reserve Force and of the Marine Corps Reserve, other than commissioned and warrant officers, who have performed active duty during the war, may, upon their own application, be transferred to the regular Navy and Marine Corps, respectively, to serve the unexpired term of their enrollment in such rating or rank as they may be found qualified under such regulations as the Secretary of the Navy may prescribe: Provided, That men so transferred shall have at least one year to serve in the regular Navy or the Marine Corps before the expiration of their current enlistment: Provided further, That such transfers may not be made in excess of the authorized enlisted strength of the Navy or Marine Corps: Provided further, That enrolled men so transferred shall be entitled to and receive the same pay, rights, privileges, and allowances in all respects as now provided by existing law for men regularly discharged and reenlisted immediately upon expiration of their full four-year enlistment in the Regular Navy or Marine Corps.

Mileage to men receiving discharge.

All enlisted men of the Navy and Coast Guard who have served in the war with the German Government and who may hereafter be discharged or who have been discharged from the service since November 11, 1918, and before the expiration of their full enlistment shall receive, under such rules and regulations as the Secretary of the Navy may prescribe, an honorable discharge and shall receive 5 cents per mile from the place of his discharge to his actual bona fide home or residence, or original muster into the service at his option: Provided, That for sea travel on discharge, transportation and subsistence only shall be furnished to enlisted men: Provided, That the records of such men warrant such honorable discharge.

Duration of war enlistment.

Any enlisted man of the Navy, Marine Corps, or Coast Guard, who, since February 3, 1917, and before November 11, 1918, enlisted for the period of four years shall upon his application made to the Secretary of the Navy on or before September 1, 1919, be held and construed to have enlisted for

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the duration of the war and shall when discharged be granted an honorable discharge, and upon the taking effect of this Act shall be notified by the Secretary of the Navy of his right to file such application: Provided, That said enlisted man is otherwise entitled to an honorable discharge: Provided further, That the return home of the American Expeditionary Forces shall not be thereby delayed: Provided further, That any enlisted man who takes advantage of the provisions of this paragraph to secure a discharge from the Navy, Marine Corps, or Coast Guard, and thereafter reenlists within four months in the Navy or in the Marine Corps, under conditions as now prescribed by law, for a period of four years, shall be entitled to receive the benefits of the gratuity pay provided by existing law for reenlistments.

Extension of period of enlistment.

Enlisted men of the Navy, Marine Corps, and Coast Guard, who enlisted for the period of the war or enlisted for a period of four years between February 3, 1917, and November 11, 1918, and have their status changed to that of men who enlisted for the period of the war if otherwise entitled to an honorable discharge, may, under such regulations as the Secretary of the Navy may prescribe, extend their enlistments for a period of one, two, three, or four full years, and shall be entitled to and receive the same rights, privileges, pay, and allowances in all respects as now provided by law for men who extend enlistment on completion of terms of enlistment, except as to gratuity pay: Provided, That as, to gratuity pay, such enlisted men who extend their enlistment as before provided shall be entitled to receive an allowance of one month's pay for extending their enlistment for one year, two months' pay for extending their enlistment for two years, three months' pay for extending their enlistment for three years, and in the Navy four months' pay for extending their enlistment for four years.

Commutation of quarters.

The Act of April 16, 1918 (Public, Numbered 129), granting under certain conditions, to every commissioned officer of the Army the right to quarters in kind for their dependents or the authorized commutation therefor, including the allowances for heat and light, shall hereafter be construed to apply to officers of the Navy and Marine Corps only during the period of the war and in no event beyond October 1, 1919.

Pay, enlisted men.

The rates of pay prescribed in section 15 of an Act entitled "An Act to temporarily increase the commissioned and warrant and enlisted strength of the Navy and Marine Corps, and for other purposes," approved May 22, 1917, are hereby made the permanent rates of pay of the enlisted men of the Navy during their present current enlistment and for those who enlist or reenlist prior to July 1, 1920, for the term of such enlistment or reenlistment.

Officers holding temporary rank, selection for promotion.

That officers of the permanent Navy who have served satisfactorily during the war with the German Government in a temporary grade or rank shall be eligible under the provision of existing law for selection for promotion and for promotion to the same permanent grade or rank until July 1, 1920,

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without regard to statutory requirements other than professional and physical examinations: Provided, That the age and grade requirement prescribed by the Act approved August 29, 1916, in the rank of commander, is hereby extended from June 30, 1920, to June 30, 1921.

Any officer with the permanent rank of rear admiral who has heretofore served a full term and is now serving as chief of any bureau of the Navy Department shall be credited with service for all purposes as provided by section 1486 of the Revised Statutes, and nothing herein contained shall operate to increase the rank or pay of any such officer as now authorized by law.

Number of midshipmen allowed.

Section 1 of the Act entitled "An Act to increase the number of midshipmen at the United States Naval Academy," approved December 20, 1917, is hereby amended so as to read as follows: That hereafter there shall be allowed at the United States Naval Academy five midshipmen for each Senator, Representative, Delegate in Congress, and Resident Commissioner from Porto Rico, and five for the District of Columbia, fifteen appointed each year at large, and one hundred appointed annually from enlisted men of the Navy, and members of the Naval Reserve Force on active duty, as now authorized by law.

Warrant officers of the Navy on shore duty beyond the continental limits of the United States shall, while so serving and from the time of departure from and until the time of return to said limits under orders to or from such foreign-shore duty, receive the same pay as is now or may be authorized by law for warrant officers on sea duty: Provided, That this paragraph shall be effective from April 6, 1917.

Active reserve service.

Any enlisted man of the Navy or Marine Corps who has been or may be discharged to enable him to accept appointment as a commissioned or warrant officer in the Naval Reserve Force or Marine Corps Reserve, and who reenlists in the Navy or Marine Corps after the termination of his reserve service, shall be entitled, in computing service for retirement, to credit for all active reserve service; and if he reenlists in the Navy or Marine Corps within four or three months, respectively, from the date of the termination of his service as an officer of the Reserve he shall be restored to the grade or rank held by him before being discharged to accept such commission or warrant, and his service in the Regular Navy or Marine Corps, including his active service in the Naval Reserve Force or Marine Corps Reserve, shall be regarded as continuous for purposes of continuous-service pay: Provided, That any warrant officer in the Navy or Marine Corps and any pay clerk in the Marine Corps who has accepted or who may hereafter accept appointment as a commissioned officer in the Naval Reserve Force or Marine Corps Reserve shall be entitled, upon the termination of his appointment as a commissioned officer in the Reserve, to revert to his former status as a warrant officer in the Navy or Marine Corps, or as a pay clerk in the Marine Corps, and shall be entitled to count all active reserve service for

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Naval Militia.

purposes of longevity pay and retirement: Provided, That no part or parts of any existing laws shall be construed as having discharged from the Naval Militia of any State, Territory, or the District of Columbia, those members of the National Naval Volunteers who were transferred to the Naval Reserve Force by authority of the Act of Congress making appropriations for the naval service which became a law on July 1, 1918; nor to prevent members of the Naval Reserve Force from being or becoming members of the Naval Militia of any State, Territory, or the District of Columbia: Provided, That such membership in the Naval Militia shall not interfere with the discharge of duties by such members thereof who are in the Naval Reserve Force.

John Flynn.

That hereafter Assistant Paymaster John Flynn, United States Navy, shall be regarded as having been appointed as an assistant paymaster in the United States Navy on the 20th day of June, 1917, with rank as such immediately after Assistant Paymaster Henry Guilmette, United States Navy: Provided, That nothing herein shall be construed to entitle Assistant Paymaster John Flynn, United States Navy, to any back pay, allowances, or other emoluments on this permanent rank.

Ensigns as of June, 1917.

George E. Maynard, Arthur B. McCrary, Axel Lindblad, Seldon L. Almon, and William E. O'Connor shall be regarded as having been appointed ensigns in the United States Navy on the 28th day of June, 1917: Provided, That nothing herein shall be construed to entitle the said officers to any back pay, allowances, or other emoluments.

Edgar Hayes.

That the President is hereby authorized to appoint, by and with the advice and consent of the Senate, as a first lieutenant in the permanent establishment of the United States Marine Corps, First Sergeant Edgar Hayes, United States Marine Corps, to be an extra number in that grade and in any grade to which he may hereafter be promoted: Provided, That the said Edgar Hayes shall establish to the satisfaction of the Secretary of the Navy his mental, moral, physical, and professional qualifications to perform all the duties of said grade: Provided further, That nothing herein shall be construed to entitle the said Edgar Hayes to any back pay, allowances, or other emoluments by reason of the passage of this Act.

BUREAU OF ORDNANCE.

Ordnance and ordnance stores.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships, for fuel, material, and labor to be used in the general work of the Ordnance Department; for furniture at naval ammunition depots, torpedo stations, *naval ordnance plants*, and proving grounds; for maintenance of proving grounds, powder factory, torpedo stations, gun factory, ammunition depots, *and naval ordnance plants*, and for target practice; for the maintenance, repair, or operation of horse-drawn and

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motor-propelled passenger-carrying vehicles, to be used only for official purposes at naval ammunition depots, naval proving grounds, *naval ordnance plants*, and naval torpedo stations, and for the pay of chemists, clerical, drafting, inspection, and messenger service in navy yards, naval stations, *naval ordnance plants*, and naval ammunition depots: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for chemists, clerical, drafting, inspection, watchmen, and messenger service in navy yards, naval stations, naval ordnance plants, and naval ammunition depots for the fiscal year ending June 30, 1920, shall not exceed *$2,900,000;* in all, *$25,000,000: Provided, That all former Government employees who have entered the military or naval service of the United States in the war with the German Government shall be reinstated on application to their former positions if they have received an honorable discharge and are qualified to perform the duties of the position.*

Smokeless powder.

Purchase and manufacture of smokeless powder, *$2,500,000.*

Gun factory.

Naval Gun Factory, Washington, D. C.: New and improved machinery for existing shops, $500,000.

Torpedoes.

Torpedoes and appliances: For the purchase and manufacture of torpedoes and appliances, to be available until June 30, 1922, *$1,000,000.*

Torpedo station, Newport.

Torpedo station, Newport, Rhode Island: For labor and material; general care of and repairs to grounds, buildings, and wharves; boats, instruction, instruments, tools, experiments, and general torpedo outfits, $200,000.

For new and improved machinery and tools for torpedo factory, $200,000.

Experiments.

Experiments, Bureau of Ordnance: For experimental work in the development of armor-piercing and torpedo shell and other projectiles, fuses, powders, and high explosives, in connection with problems of the attack of armor with direct and inclined fire at various ranges, including the purchase of armor, powder, projectiles, and fuses for the above purposes and of all necessary material and labor in connection therewith; and for other experimental work under the cognizance of the Bureau of Ordnance in connection with the development of ordnance material for the Navy, *$200,000.*

Contingent expenses.

Contingent, Bureau of Ordnance: For miscellaneous items, namely, cartage, expenses of light and water at ammunition depots and stations, tolls, ferriage, technical books, and incidental expenses attending inspection of ordnance material, *$25,000.*

BUREAU OF YARDS AND DOCKS.

Maintenance.

Maintenance, Bureau of Yards and Docks: For general maintenance of yards and docks, *including not exceeding four naval barracks abroad*, namely, for books,

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maps, models, and drawings; purchase and repair of fire engines; fire apparatus and plants; machinery, operation or repair, purchase; maintenance of horses and driving teams; carts, timber wheels, and all vehicles, including motor-propelled and horse-drawn passenger-carrying vehicles to be used only for official purposes, and including motor-propelled vehicles for freight-carrying purposes only for use in the navy yards; tools and repair of the same; stationery; furniture for Government houses and offices in navy yards and naval stations; coal and other fuel; candles, oil, and gas; attendance on light and power plants; cleaning and clearing up yards and care of buildings; attendance on fires, lights, fire engines, and fire apparatus and plants; incidental labor at navy yards; water tax, tolls, and ferriage; pay of watchmen in navy yards; awnings and packing boxes; and pay for employees on leave, *$7,500,000: Provided,* That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, inspection, drafting, messenger, and other classified work in the navy yards and naval stations for the fiscal year ending June 30, 1920, shall not exceed *$1,500,000: Provided further, That no part of any appropriation contained in this Act shall be used for the purchase of passenger-carrying automobiles.*

Contingent expenses.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses and minor extensions and improvements of public works at navy yards and stations, *$150,000.*

PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

Hospital.

HOSPITAL CONSTRUCTION: Naval hospital, Fort Lyon, Colorado, $275,000; contingent, $225,000; in all, $500,000.

Portsmouth.

NAVY YARD, PORTSMOUTH, NEW HAMPSHIRE: New boiler for power plant, $65,000; lumber yard and storage, $30,000; in all, $95,000.

Water system.

The Secretary of the Navy is authorized to advance to the Kittery Water District, a corporation of the State of Maine, from the unexpended balance of the appropriation made by the Act of July 1, 1918, making appropriations for the naval service, under the title "Emergency Expenses, Bureau of Yards and Docks," the sum of $150,000, to be expended for the extension and improvement, under the supervision of the Navy Department, of the water system owned and operated by said Kittery Water District and supplying water to the navy yard, Portsmouth, New Hampshire: Provided, That the said Kittery Water District shall, by contract, with bond equal to the amount advanced, undertake to refund to the United States the said sum of $150,000 in an installment each month of an amount equal to 50 per centum of the amount of the bill rendered against said navy yard for water received during the preceding month, until the end of the month following the declaration of peace, and thereafter in such installments as the Secretary of the Navy may approve: Provided further, That all deferred refund

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payments shall bear interest at the rate of 5 per centum per annum, payable semiannually, and that all refunds of the principal and payments of interest shall be deposited in the Treasury as "Miscellaneous receipts."

Bridge—Portsmouth and Kittery.

To aid in construction of bridge connecting city of Portsmouth, New Hampshire, with navy yard at Kittery, Maine, $500,000, of which $250,000 is hereby appropriated: Provided, That an equal amount shall be expended concurrently for the same purpose severally by the States of Maine and New Hampshire, the location to be approved by the Secretary of the Navy for convenient access to the Portsmouth Navy Yard.

Boston.

NAVY YARD, BOSTON, MASSACHUSETTS: Two twenty-five-ton floating derricks, $40,000; shore facilities for Commonwealth Dry Dock, South Boston, $500,000; in all, $540,000.

Philadelphia.

NAVY YARD, PHILADELPHIA, PENNSYLVANIA: Dry dock, to complete, and the limit of cost is increased to $4,700,000, $1,200,000; paving, railroad tracks, sewers, water pipes, and general yard developments, $200,000; kapok mattress and life preserver factory, $100,000; pattern shop and storage, $400,000; in all, $1,900,000.

Washington.

NAVY YARD, WASHINGTON, DISTRICT OF COLUMBIA: West extension development, $43,000; power plant extension, $214,000; extra ducts and manholes, $36,500; fireproofing storehouse numbered ten, $15,000; sewer, water, and paving extensions in eastern addition, $50,000; railroad classification yard, $36,500; dispensary, $75,000; raising roof of open-hearth shop and additional crane, $40,000; proof shop, $250,000; outside distribution system, $20,000; outside oil distribution system, $20,000; in all, $800,000.

Annapolis.

BUILDINGS AND GROUNDS, NAVAL ACADEMY: Repair of roads, $25,000; addition to power plant, $200,000; in all, $225,000.

Norfolk.

NAVY YARD, NORFOLK, VIRGINIA: Water-front improvements, $500,000; tracks, streets, and sewers, $100,000; auxiliary fitting-out cranes, $100,000; grading Schmoele tract, $25,000; dispensary, $25,000; paint and oil storehouse, $75,000; pattern shop and storage, $400,000; in all, $1,225,000.

Charleston.

NAVY YARD, CHARLESTON, SOUTH CAROLINA: Dredging, to continue, $30,000; air compressors and auxiliaries, $118,000; oxyacetylene plant, $25,000; fire protection, $50,000; in all, $223,000.

Key West.

NAVAL STATION, KEY WEST, FLORIDA: Station improvements, $25,000.

New Orleans.

NAVAL STATION, NEW ORLEANS, LOUISIANA: Shell house, $16,000; sewer extension, $850; mine storage building, $32,000; fire station and equipment, $18,000; in all, $66,850.

Mare Island.

NAVY YARD, MARE ISLAND, CALIFORNIA: Maintenance of dikes and dredging, $100,000.

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For purchase of right of way and for construction of railroad connection between causeway now crossing Mare Island Straits, and the South Vallejo railroad yards, not exceeding $165,000.

Puget Sound. *NAVY YARD, PUGET SOUND, WASHINGTON: Railroad extensions, $50,000; twenty-ton floating crane, $50,000; for grading, filling, and sea wall construction, to complete, $350,000; in all, $450,000.*

Pearl Harbor. *NAVAL STATION, PEARL HARBOR, HAWAII: Electric connections to dry dock, $21,000; substation near dry dock, $68,000; salt-water fire protection, $35,000; fresh-water connections to dry-dock, $11,500; air connections to dry dock, $8,000; toilet facilities for ships in dock, $25,000; in all, $168,500.*

Tutuila. *NAVAL STATION, TUTUILA, SAMOA: Lumber storage, $5,000; additional quarters for hospital apprentices, $2,000; in all, $7,000.*

Guam. *NAVAL STATION, GUAM: Quarters for hospital, $16,000; extension of shop buildings, $5,000; lumber shed, $5,000; in all, $26,000.*

Fort Mifflin. *NAVAL MAGAZINE, FORT MIFFLIN, PENNSYLVANIA: Dredging, $10,000.*

Lake Denmark. *NAVAL MAGAZINE, LAKE DENMARK, NEW JERSEY: Fire protection, $30,000; purchase and installing two one-hundred kilowatt generator sets, direct connected, and boiler feed pump, $15,000; in all, $45,000.*

Charleston. *NAVAL MAGAZINE, CHARLESTON, SOUTH CAROLINA: Railroad track and equipment, $5,000; fuse and primer house, $3,000; in all, $8,000.*

Puget Sound. *NAVAL MAGAZINE, PUGET SOUND, WASHINGTON: Additional storage building, $40,000; power plant (cost not to exceed $15,000), $15,000; in all, $55,000.*

Mare Island. *NAVAL MAGAZINE, MARE ISLAND, CALIFORNIA: Mechanic shop, $25,000; filling house, $5,000; one magazine building, $35,000; one shell house, $45,000; in all, $110,000.*

Newport. *TORPEDO STATION, NEWPORT, RHODE ISLAND, BUILDINGS: Oil storehouse, $10,000; new piers, $75,000; in all, $85,000.*

Great Lakes. *NAVAL TRAINING STATION, GREAT LAKES, ILLINOIS, BUILDINGS: Toward shore protection and harbor development (to cost not to exceed $1,500,000), $200,000.*

Depots for coal. *DEPOTS FOR COAL: For depots for coal and other fuel, Yorktown, Virginia, wharf, $50,000; oil proofing reservoirs, $150,000; in all, $200,000. Contingent, $35,000; care and custody of naval petroleum reserves, $10,000; in all, $245,000.*

Hampton Roads. *NAVAL OPERATING BASE, HAMPTON ROADS, VIRGINIA: Toward water-front improvements and permanent improvements to station, including piers, bulkheads, filling, grading, and so forth, $1,000,000.*

NAVAL HOSPITAL, PUGET SOUND, WASHINGTON: Quarters for nurses (female), $40,000.

Quantico. *MARINE BARRACKS, QUANTICO, VIRGINIA: Incinerator plant, $67,790.*

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REPAIRS AND PRESERVATION AT NAVY YARDS: For repairs and preservation at navy yards, fuel depots, fuel plants, and stations, $4,000,000. Repairs and preservation.

Total public works, $12,632,140, and the amounts herein appropriated therefor, except for repairs and preservation at navy yards and stations, shall be available until expended.

The appropriations "Maintenance, Bureau of Yards and Docks," and "Repairs and Preservation" shall be available for the maintenance of naval training stations where the regular appropriations for the maintenance thereof are found to be insufficient.

The Secretary of the Navy is hereby authorized to accept from the San Diego Chamber of Commerce, San Diego, California, free of all encumbrance and without cost to the United States Government, one hundred and thirty-five acres of land situate on the Bay of San Diego, San Diego County, California, for the purpose of establishing a naval training station thereon, providing that the city of San Diego will donate to the United States Government free of charge the tide lands in the Bay of San Diego adjoining said lands to the bulkhead line, and also a site for a naval hospital in Balboa Park. The Secretary of the Navy is directed to have prepared and submit detailed plans and specifications for the construction of a suitable naval training station on said land and to report at the next regular session of Congress the total estimated cost of said station with an itemized cost of all necessary buildings and improvements thereon and the estimated annual cost of maintenance of said station. San Diego; land.

The Secretary of the Navy is hereby authorized to exchange a tract of land, containing one and twenty-nine hundredths acres, being a part of the Marine Corps base reservation, San Diego, California, and bordering on the northerly line of said reservation approximately one thousand five hundred feet from the extreme northeasterly angle thereof for so much of lot three hundred and twenty shown on the plan of the city of San Diego, California, as lies between the Point Loma Boulevard and the property of the United States.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeon's necessaries for vessels in commission, navy yards, naval stations, Marine Corps, and for the civil establishment at the several naval hospitals, navy yards, naval medical supply depots, Naval Medical School and Dispensary, Washington, and Naval Academy, including one bookkeeper at $1,600 and one clerk at $1,400 at the naval medical supply depot, Brooklyn, and toward the accumulation of a reserve supply of medical stores, *$7,500,000.* Medical Department.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For tolls and ferriages; care, transportation, and burial Contingent expenses.

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of the dead, *including officers who die within the United States, and supernumerary patients who die in naval hospitals; purchase of cemetery lots;* purchase of books and stationery, binding of medical records, unbound books, and pamphlets; hygienic and sanitary investigation and illustration; sanitary and hygienic instruction, *including the printing and issuing of naval medical bulletins and supplements;* purchase and repairs of nonpassenger-carrying wagons, automobile ambulances, and harness; purchase of and feed for horses and cows; maintenance, repair, and operation of two passenger-carrying motor vehicles for naval dispensary, Washington, District of Columbia, and of one motor-propelled vehicle for official use only for the medical officer on out-patient medical service at the Naval Academy, and a motor omnibus for the transportation of convalescent patients and attendants at the Naval Hospital at Las Animas, Colorado, to be used only for official purposes; trees, plants, care of grounds, garden tools, and seeds; incidental articles for the Naval Medical School and naval dispensary, Washington, naval medical supply depots, sick quarters at Naval Academy and marine barracks; washing for medical department at Naval Medical School and naval dispensary, Washington, naval medical supply depots, sick quarters at Naval Academy and marine barracks, dispensaries at navy yards and naval stations, and ships; and for minor repairs on buildings and grounds of the United States Naval Medical School and naval medical supply depots; rent of rooms for naval dispensary, Washington, District of Columbia, not to exceed $1,200; for the care, maintenance, and treatment of the insane of the Navy and Marine Corps on the Pacific coast, including supernumeraries held for transfer to the Government Hospital for the Insane; for dental outfits and dental material, and all other necessary contingent expenses; in all, *$1,000,000.*

Transportation of remains.

BRINGING HOME REMAINS OF OFFICERS, AND SO FORTH, NAVY DEPARTMENT: To enable the Secretary of the Navy, in his discretion, to cause to be transferred to their homes the remains of officers and enlisted men of the Navy and Marine Corps, of members of the Nurse Corps, of civilian officers and crews of naval auxiliaries, and of officers and enlisted men of the Naval Militia and National Naval Volunteers and the Naval Reserve Force when on active service with the Navy, who die or are killed in action ashore or afloat, and also to enable the Secretary of the Navy, in his discretion, to cause to be transported to their homes the remains of civilian employees who die outside of the continental limits of the United States, *$700,000*: *Provided,* That the sum herein appropriated shall be available for payment for transportation of the remains of officers and men who have died while on duty at any time since April 21, 1898, and shall be available until June 30, *1921.*

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CARE OF HOSPITAL PATIENTS: For the care, maintenance, and treatment of patients in naval and in other than naval hospitals, *$1,000,000.* Hospital patients.

BUREAU OF SUPPLIES AND ACCOUNTS.

PAY OF THE NAVY: Pay and allowances prescribed by law of officers on sea duty and other duty, and officers on waiting orders, *and the pay of midshipmen shall hereafter be $780 per annum, $35,863,989;* officers on the retired list, *$3,442,918;* commutation of quarters for officers, including boatswains, gunners, carpenters, sailmakers, machinists, pharmacists, pay clerks, and mates, naval constructor, and assistant naval constructors, *$2,875,656,* and also members of Nurse Corps (female), $44,200; for hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them or commutation of quarters not to exceed the amount which an officer would receive were he not serving with troops and hire of quarters for officers and enlisted men on sea duty at such times as they may be deprived of their quarters on board ship due to repairs or other conditions which may render them uninhabitable, $25,000; pay of enlisted men on the retired list, *$585,000;* extra pay to men reenlisting under honorable discharge, *$525,570;* interest on deposit by men, *$30,000;* pay of petty officers, seamen, landsmen, and apprentice seamen, including men in the engineers' force and men detailed for duty with the Fish Commission, *enlisted men, men in trade schools;* and pay of enlisted men of the Hospital Corps, *$87,507,405;* pay of enlisted men undergoing sentence of court-martial, *$1,836,000,* and as many machinists as the President may from time to time deem necessary to appoint; and apprentice seamen under training at training stations and on board training ships, at the pay prescribed by law, *$4,694,400;* pay of the Nurse Corps, *$1,392,600;* rent of quarters for members of the Nurse Corps, $55,800; retainer pay and active-service pay of members of the Naval Reserve Force, *$15,371,176; payment of $60 discharge gratuity, $9,953,780; in all, $164,203,494;* and the money herein specifically appropriated for "Pay of the Navy" shall be disbursed and accounted for in accordance with existing law as "Pay of the Navy," and for that purpose shall constitute one fund: *Provided, That hereafter the Pay Corps shall be called the Supply Corps.* Pay of the Navy.

That the provisions of the Act of August 29, 1916, regarding the promotion of captains in the line of the permanent Navy shall not restrict the promotion of such captains as may have been wounded in line of duty and who are now on the active list, and such captains shall be entitled to the benefits of the provisions of section 1494, Revised Statutes of the United States, and also to the benefits of the Act of March 4, 1911.

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Provisions, Navy.

PROVISIONS, NAVY: For provisions and commuted rations for the seamen and marines, which commuted rations may be paid to caterers of messes, in case of death or desertion, upon orders of the commanding officers, commuted rations for officers on sea duty (other than commissioned officers of the line, Medical and Pay Corps, chaplains, chief boatswains, chief gunners, chief carpenters, chief machinists, chief pay clerks, and chief sailmakers) and midshipmen *at 68 cents per diem*, and commuted rations stopped on account of sick in hospital and credited at the rate of 50 cents per ration to the naval hospital fund; subsistence of officers and men unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for commutation therefor to be given); subsistence of men on detached duty; subsistence of officers and men of the Coast Guard and Lighthouse Services while cooperating with the Navy in so far as the regular appropriations for these services are insufficient therefor; subsistence of officers and men of the naval auxiliary service; subsistence of members of the Naval Reserve Force during period of active service; and for subsistence of female nurses and Navy and Marine Corps general courts-martial prisoners undergoing imprisonment with sentences of dishonorable discharge from the service at the expiration of such confinement: *Provided*, That the Secretary of the Navy is authorized to commute rations for such general courts-martial prisoners in such amounts as seem to him proper, which may vary in accordance with the location of the naval prison, but which shall in no case exceed 30 cents per diem for each ration so commuted; and for the purchase of United States Army emergency rations as required; in all, *$42,664,500*, to be available until the close of the fiscal year ending *June 30, 1921*.

Maintenance.

MAINTENANCE, BUREAU OF SUPPLIES AND ACCOUNTS: For fuel; the removal and transportation of ashes and garbage from ships of war; books, blanks, and stationery including stationery for commanding and navigating officers of ships, chaplains on shore and afloat, and for the use of courts-martial on board ships; purchase, repair, and exchange of typewriters for ships; packing boxes and materials; interior fittings for general storehouses, pay offices, and accounting offices in navy yards; expenses of disbursing officers; coffee mills and repair thereto; expenses of naval clothing factory and machinery for the same; laboratory equipment; purchase of articles of equipage at home and abroad under the cognizance of the Bureau of Supplies and Accounts, and for the payment of labor in equipping vessels therewith, and the manufacture of such articles in the several navy yards; musical instruments and music; mess outfits; soap on board naval vessels; athletic outfits; tolls, ferriages, yeomen's stores, safes, and other incidental expenses; labor

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in general storehouses, paymasters' offices, and accounting offices in navy yards and naval stations, including naval stations maintained in island possessions under the control of the United States, and expenses in handling stores purchased and manufactured under "General account of advances;" and reimbursement to appropriations of the Department of Agriculture of cost of inspection of meats and meat food products for the Navy Department: *Provided*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for chemists and for clerical, inspection, storemen, store laborer, and messenger service in the supply and accounting departments of the navy yards and naval stations and disbursing offices for the fiscal year ending *June 30, 1920*, shall not exceed *$5,700,000;* in all, *$15,500,000.*

Freight.

FREIGHT, BUREAU OF SUPPLIES AND ACCOUNTS: All freight and express charges pertaining to the Navy Department and its bureaus, except the transportation of coal for the Bureau of Supplies and Accounts, *$3,000,000.*

Fuel and transportation.

FUEL AND TRANSPORTATION: Coal and other fuel for steamers' and ships' use, including expenses of transportation, storage, and handling the same; maintenance and general operation of machinery of naval fuel depots and fuel plants; water for all purposes on board naval vessels; and ice for the cooling of water, including the expense of transportation and storage of both, *$12,000,000: Provided, That the United States Shipping Board shall not require payment from the Navy Department for the charter hire of vessels furnished or to be furnished from July 1, 1918, to June 30, 1920, inclusive, for the use of that department when such vessels are owned by the United States Government: Provided further, That $1,000,000 of the appropriation "Fuel and transportation, 1919," or so much thereof as may be necessary, is hereby continued and made available for use, in the discretion of the Secretary of the Navy, in mining coal or contracting for the same in Alaska, the transportation of the same, and the construction of coal bunkers and the necessary docks for use in supplying ships therewith; and the Secretary of the Navy is hereby authorized to select from the public coal lands in Alaska such areas as may be necessary for use by him for the purposes stated herein.*

Hereafter the provisions of the sundry civil act, approved July 1, 1918, providing for the establishment of a Government fuel yard in the District of Columbia, shall not apply to the fuel required for the Naval Establishment, except the naval hospital, in the District of Columbia.

BUREAU OF CONSTRUCTION AND REPAIR.

Construction and repair of vessels.

CONSTRUCTION AND REPAIR OF VESSELS: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; steam steerers, pneumatic steerers, steam capstans, steam windlasses, and all other auxiliaries; labor in navy yards and

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on foreign stations; purchase of machinery and tools for use in shops; carrying on work of experimental model tank and wind tunnel; designing naval vessels; construction and repair of yard craft, lighters, and barges; wear, tear, and repair of vessels afloat; general care, increase, and protection of the Navy in the line of construction and repair; repair and maintenance of vessels of the Coast Guard and Lighthouse Services; submarine chasers, patrol boats; incidental expenses for vessels and navy yards, inspectors' offices, such as photographing, books, professional magazines, plans, stationery, and instruments for drafting room, and for pay of classified force under the bureau; for hemp, wire, iron, and other materials for the manufacture of cordage, anchors, cables, galleys, and chains; specifications for purchase thereof shall be so prepared as shall give fair and free competition; canvas for the manufacture of sails, awnings, hammocks, and other work; interior appliances and tools for manufacturing purposes in navy yards and naval stations; and for the purchase of all other articles of equipage at home and abroad; and for the payment of labor in equipping vessels therewith and manufacture of such articles in the several navy yards; naval signals and apparatus, other than electric, namely, signals, lights, lanterns, running lights, lanterns, and lamps and their appendages for general use on board ship for illuminating purposes; and oil and candles used in connection therewith; bunting and other materials for making and repairing flags of all kinds; for all permanent galley fittings and equipage; rugs, carpets, curtains, and hangings on board naval vessels, *$31,000,000: Provided*, That the limitations imposed by existing law relative to repairs to vessels of the Navy shall not apply to the expenditure of funds made available in this act: *Provided further*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for clerical, drafting, inspection, watchmen (ship keepers), and messenger service in navy yards, naval stations, and offices of superintending naval constructors for the fiscal year ending *June 30, 1920*, shall not exceed *$3,750,000*.

Improvement of construction plants.

Improvement of construction plants: For repairs and improvements of machinery and implements at construction plants at navy yards at Portsmouth, New Hampshire, $10,000; Boston, Massachusetts, $25,000; New York, New York, $35,000; Philadelphia, Pennsylvania, $25,000; Norfolk, Virginia, $35,000; Charleston, South Carolina, $10,000; Mare Island, California, $35,000; Puget Sound, Washington, $25,000; in all, $200,000.

BUREAU OF STEAM ENGINEERING.

Engineering.

ENGINEERING: For repairs, preservation, and renewal of machinery, auxiliary machinery, and boilers of naval vessels, yard craft, and ships' boats, distilling and refrig-

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erating apparatus; repairs, preservation, and renewals of electric interior and exterior signal communications and all electrical appliances of whatsoever nature on board naval vessels, except range finders, battle order and range transmitters and indicators, and motors and their controlling apparatus used to operate machinery belonging to other bureaus; searchlights and fire-control equipments for antiaircraft defense at shore station; maintenance and operation of coast signal service, including expenses of office of Director of Naval Communications and the purchase of land as necessary for sites for radio shore stations; equipage, supplies, and materials under the cognizance of the bureau required for the maintenance and operation of naval vessels, yard craft, and ship's boats; purchase, installation, repair, and preservation of machinery, tools, and appliances in navy yards and stations, pay of classified force under the bureau; incidental expenses for *naval* vessels, *navy* yards, and stations, inspectors' offices, the engineering experiment station, such as photographing, technical books and periodicals, stationery, and instruments; instruments and apparatus, supplies, and technical books and periodicals necessary to carry on experimental and research work in radiotelegraphy at the naval radio laboratory: *Provided*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for clerical, drafting, inspection, and messenger service in navy yards, naval stations, and offices of United States inspectors of machinery and engineering material for the fiscal year ending *June 30, 1920*, shall not exceed *$3,000,000: Provided further, That the sum to be paid out of this appropriation for the purchase of land for a site for a radio shore station at Otter Cliffs, Maine, shall not exceed $32,500: Provided further, That no part of this appropriation shall be expended for the acquisition of radio stations in whole or in part used for the transmission or reception of commercial messages;* in all, engineering, *$30,000,000.*

Engineering Experiment Station, Annapolis.

Engineering Experiment Station, United States Naval Academy, Annapolis, Maryland: For original investigation and extended experimentation of naval appliances, testing implements and apparatus; purchase and installation of such machines and auxiliaries considered applicable for test and use in the naval service, and for maintenance and equipment of buildings and grounds, $200,000.

The foregoing appropriations for the Naval Establishment shall be available for similar expenses of the Coast Guard and Lighthouse Services while cooperating with the Navy in so far as the regular appropriations for these services are insufficient therefor; and, when expenditures are thus made, naval appropriations need not be reimbursed from the appropriations of the Coast Guard and Lighthouse Services.

So much of the naval appropriations for the fiscal year 1920 as is necessary for the foregoing purpose may be trans-

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ferred on the books of the Treasury to the credit of the regular appropriations of the Coast Guard and Lighthouse Services.

Construction of Coast Guard vessels: For the completion of five Coast Guard cutters within the limit of cost, namely, $3,500,000, fixed by the Act of March 28, 1918, $2,850,000.

NAVAL ACADEMY.

Organization, professors, instructors, classified service, pay of.

Pay, Naval Academy: PAY OF PROFESSORS AND OTHERS, NAVAL ACADEMY: Pay of professors and instructors, including one professor as librarian, *$269,700.*

One swordmaster, $1,700—assistants: one $1,500, one $1,300; head master in physical training, $2,000; instructors in physical training—one $1,800, two at *$1,600* each, *seven at $1,500 each;* assistant librarian, $2,400; cataloguer, $1,600; shelf assistants, two at $1,200 each; secretary of the Naval Academy, $2,500; clerks—two at $1,900 each, two at $1,700 each, two at $1,600 each, four at $1,400 each, four at $1,200 each, *fourteen* at $1,100 each, seven at $1,000 each; draftsman, $1,700; surveyor, $1,500; services of *choirmaster and* organist at chapel, *$1,700;* captain of the watch, $1,460; second captain of the watch, $1,300; *thirty* watchmen, at $1,160 each; *four* telephone switchboard operators, at $660 each; mail messenger, $1,100. In all, pay of professors and others, Naval Academy, *$390,000.*

Department of ordnance and gunnery: For leading ordnancemen, ordnancemen, ordnance helpers, and electricians, $16,776.80.

Departments of electrical engineering and physics: For electrical machinists, mechanics, and laboratorians, $15,549.84.

Department of seamanship: Three coxswains, $1,152 each; three seamen, at $1,001 each; two seamen, at $826 each; in all, $8,111.

Department of marine engineering and naval construction: For master machinists, assistants, pattern makers, boiler makers, blacksmiths, machinists, molders, coppersmiths, who shall be considered practical instructors of midshipmen, and other employees, $52,694.16.

Commissary department: For chief clerk and purchasing agent, chief cook and cooks, steward and assistant stewards, stenographers, typists, head waiters, and assistant head waiters, head pantrymen, chief baker and bakers, butchers, truck chauffeurs, mechanicians for repair of trucks, firemen, seamstresses, and necessary pantrymen, butcher's helpers, baker's helpers, waiters, coffeemen, dish pantrymen, utility men, linenmen, scullions, and other unskilled and unclassified occupations, wages to be determined by the Superintendent of the Naval Academy, and in no case to exceed $75 per month in cases of unskilled and unclassified employees, $250,200: Provided, That no employee paid under the provisions of this paragraph shall receive a salary in excess of $2,000.

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DEPARTMENT OF BUILDINGS AND GROUNDS: One messenger to superintendent, $750; necessary building attendants, *$40,564.80; in all, $41,314.80.*

For the employment of such additional temporary force of employees in the various departments of the Naval Academy as in the judgment of the Secretary of the Navy may be necessary to the transaction of official business on account of the existing emergency, *$150,000.*

In all, civil establishments, *$924,646.60.*

Miscellaneous expenses.

CURRENT AND MISCELLANEOUS EXPENSES, NAVAL ACADEMY: Text and reference books for use of instructors; stationery, blank books and forms, models, maps, and periodicals; apparatus and materials for instruction in physical training and athletics; expenses of lectures and entertainments not exceeding $1,000, including pay and expenses of lecturer; chemicals, philosophical apparatus and instruments, stores, machinery, tools, fittings, apparatus, and materials for instruction purposes, *$110,000.*

Purchase, binding, and repair of books for the library (to be purchased in the open market on the written order of the superintendent), $2,500.

Board of Visitors.

For expenses of the Board of Visitors to the Naval Academy, $3,000.

Contingent.

For contingencies for the superintendent of the academy, to be expended in his discretion, $3,000.

For contingencies for the commandant of midshipmen, to be expended in his discretion, *$1,000.*

In all, current and miscellaneous expenses, *$119,500.*

Maintenance and repairs.

MAINTENANCE AND REPAIRS, NAVAL ACADEMY: For general maintenance and repairs at the Naval Academy, namely: For necessary repairs of public buildings, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, and fixtures; for books, periodicals, maps, models, and drawings; purchase and repair of fire engines; fire apparatus and plants; machinery; purchase and maintenance of all horses and vehicles for use at the academy, including the maintenance, operation, and repair to three horse-drawn passenger-carrying vehicles *and two motor-propelled passenger-carrying vehicles* to be used only for official purposes; seeds and plants; tools and repairs of the same; stationery; furniture for Government buildings and offices at the academy; coal and other fuels; candles, oil, and gas; attendance on light and power plants; cleaning and clearing up station and care of buildings; attendance on fires, lights, fire engines, fire apparatus, and plants, and telephone, telegraph, and clock systems; incidental labor; advertising, water tax, postage, telephones, telegrams, tolls, and ferriage; flags and awnings; packing boxes; fuel for heating and lighting bandsmen's quarters; pay of inspectors and draftsmen; music, musical and astronomical instruments; and for the pay of employees on leave, *$950,000.*

Rent of buildings.

Rent of buildings for the use of the academy, and commutation of rent for bandsmen, at *$15* per month each, *$13,500*

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Naval Academy Band.

Naval Academy Band: The Naval Academy Band shall hereafter consist of one leader, with pay and allowances of first lieutenant in the Marine Corps; one second leader, with a base pay of $81 per month; forty-five musicians, first class, with a base pay of $51 per month; twenty-seven musicians, second class, with a base pay of $44 per month; one drum major, with a base pay of $57.20 per month; and the said leader of the band, second leader of the band, drum major of the band, and the enlisted musicians of the band shall be entitled to the same benefits in respect to pay, emoluments, and retirement arising from longevity, reenlistment, and length of service as are or may hereafter become applicable to other officers or enlisted men of the Navy.

In all, maintenance and repairs, *$963,500.*

In all, Naval Academy, exclusive of public works, *$2,007,646.60.*

MARINE CORPS.

Pay.

PAY, MARINE CORPS: Pay of officers, active and reserve list: For pay and allowances prescribed by law for all officers on the active and reserve list, *$3,463,383.*

Officers, retired list.

For pay of officers prescribed by law, on the retired list: For two major generals, three brigadier generals, *five* colonels, *three* lieutenant colonels, *forty* majors, *four* captains, *one* first lieutenant, two second lieutentants, and for officers who may be placed thereon during the year, including such increased pay as is now or may hereafter be provided for retired officers regularly assigned to active duty, *$277,756.*

Enlisted men, active and reserve.

Pay of enlisted men, active and reserve list: Pay and allowances of noncommissioned officers, musicians, and privates, as prescribed by law, and for the expenses of clerks of the United States Marine Corps traveling under orders, and including additional compensation for enlisted men of the Marine Corps *qualified as expert riflemen, sharpshooters, marksmen, or* regularly detailed as gun captains, gun pointers, mess sergeants, cooks, messmen, signalmen, or holding good-conduct medals, pins, or bars, including interest on deposits by enlisted men, post-exchange debts of deserters, under such rules as the Secretary of the Navy may prescribe, and the authorized travel allowance of discharged enlisted men and for prizes for excellence in gunnery exercise and target practice and for pay of enlisted men designated as Navy mail clerks and assistant Navy mail clerks, both afloat and ashore, *$14,893,848: Provided, That the words "enlisted men," as contained in prior appropriation Acts, shall not be construed to deprive women, enlisted or enrolled in the naval service, of the pay, allowances, gratuities, and other benefits granted by law to the enlisted personnel of the Navy and Marine Corps.*

Enlisted strength.

The authorized enlisted strength of the active list of the Marine Corps is hereby temporarily increased to 27,400, plus such number of men as may be serving with the American Expeditionary Forces abroad: Provided, That the aver-

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age number of enlisted men of the Marine Corps on active duty during the fiscal year ending June 30, 1920, shall not exceed 27,400, distribution in the various grades to be made in the same proportion as provided under existing law.

Personnel.

That in making reductions required by this Act, officers holding temporary appointments may be given temporary appointments in lower grades, and officers so appointed shall take precedence from the dates of their original appointments in such lower grades.

That so much of the Act of July 1, 1918 (Public Numbered 182), as authorizes the promotion of retired enlisted men of the Navy and Marine Corps ordered to active duty shall not be so construed as to make illegal promotions of such men as have heretofore been made to warrant grades or as to deprive them of any of the pay, allowances, or other benefits accruing under such promotion.

That the accounting officers of the Treasury Department are hereby authorized and directed to allow, in the settlement of the accounts of disbursing officers of the Navy and Marine Corps covering the period of the present emergency, such credits for payments to officers and enlisted men not ordinarily allowable under the statutes, as are certified to them by the Secretary of the Navy as having been incurred under military necessity, or as having been occasioned by accidental circumstances or conditions over which such disbursing officers had no control and for which they were not justly responsible: Provided, That the period of the present emergency as contemplated by this paragraph shall be regarded as beginning on the 6th day of April, 1917, and as terminating six months after the expiration of the quarter in which peace is declared. And that nothing herein shall be construed to include payments under contracts for supplies or services.

Enlisted men, retired list.

For pay and allowances prescribed by law of enlisted men on the retired list: For *eleven* sergeants major, one drum major, *twenty-five* gunnery sergeants, *twenty-five* quartermaster sergeants, *forty* first sergeants, *fifty-two* sergeants, *eleven* corporals, *two* principal musicians, sixteen first-class musicians, one second-class musician, one drummer, and *ten* privates, and for those who may be retired during the fiscal year, *$164,862.*

Undrawn clothing.

Undrawn clothing: For payment to discharged enlisted men for clothing undrawn, *$100,000.*

Mileage.

Mileage: For mileage to officers traveling under orders without troops, *$162,500.*

Commutation of quarters.

For commutation of quarters of officers on duty without troops where there are no public quarters, *$212,500.*

Pay, civil force.

PAY OF CIVIL FORCE: In the office of the major general commandant: Temporary special assistant to the major general commandant, $2,750; one chief clerk, at $2,250; one clerk, at $1,800; one messenger, at $971.28.

In the office of the paymaster: One chief clerk, at $2,250; one clerk, at $1,500.

In the office of the adjutant and inspector: One chief clerk, at $2,250; one clerk, at $1,800; clerk, at $1,600; one clerk, at $1,500; one clerk, at $1,400; one clerk, at $1,200.

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In the office of the quartermaster: Temporary special assistant to the quartermaster, $2,750; one chief clerk, at $2,250; two clerks, at $1,800 each; one clerk, at $1,500; two clerks, at $1,400 each; two clerks, at $1,200 each; technical engineer, $2,300; one draftsman, at $2,000.

In the office of the assistant quartermaster, San Francisco, California: One chief clerk, at $2,000.

In the office of the assistant quartermaster, Philadelphia, Pennsylvania: One chief clerk, at$2,000; one messenger, at $840.

In all, for pay of civil force, $45,711.28, and the money herein specifically appropriated for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law as pay of the Marine Corps, and for that purpose shall constitute one fund.

In all, pay, Marine Corps, *$19,320,560.28.*

MAINTENANCE, QUARTERMASTER'S DEPARTMENT, MARINE CORPS.

Provisions, Marine Corps.

PROVISIONS, MARINE CORPS: For enlisted men serving ashore; subsistence and lodging of enlisted men when traveling on duty, or cash in lieu thereof; commutation of rations to enlisted men regularly detailed as clerks and messengers; payments of board and lodging of applicants for enlistment while held under observation, recruits, recruiting parties, and enlisted men where it is impracticable to otherwise furnish subsistence, or in lieu of board, commutation of rations to recruiting parties, and enlisted men traveling on special duty at such rate as the Secretary of the Navy may prescribe; ice machines and their maintenance where required for the health and comfort of the troops and for cold storage; ice for offices and preservation of rations, *$4,526,964: Provided, That hereafter, except when detached by the President of the United States for duty with the Army, enlisted men of the Marine Corps shall be entitled to the same allowance for rations as are enlisted men of the Navy, under such rules and regulations as may be prescribed by the Secretary of the Navy.*

Clothing.

CLOTHING, MARINE CORPS: For enlisted men authorized by law, *$8,438,624: Provided, That hereafter this appropriation shall be available for the purchase of uniforms, accouterments, and equipment for sale at cost price to officers under such regulations as the Secretary of the Navy may prescribe.*

Fuel.

FUEL, MARINE CORPS: For heat, light, and commutation thereof for the authorized allowance of quarters for officers and enlisted men, and other buildings and grounds pertaining to the Marine Corps *and for buildings erected by authority of the Secretary of the Navy on Marine Corps reservations by welfare organizations at private cost;* fuel, electricity, and oil for cooking, power, and other purposes; and sales to officers, *$390,078.*

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Military stores.

MILITARY STORES, MARINE CORPS: Pay of chief armorer, at $4 per diem; purchase and repair of military equipments, such as rifles, revolvers, cartridge boxes, bayonet scabbards, haversacks, blanket bags, canteens, rifle slings, swords, drums, trumpets, flags, waistbelts, waist plates, cartridge belts, spare parts for repairing rifles, machetes; tents, field cots, field ovens, and stoves for tents, instruments for bands; purchase of music and musical accessories, articles of field sports for enlisted men, signal equipment and stores; purchase and marking of prizes for excellence in gunnery and rifle practice; good-conduct badges; medals and buttons awarded to officers and enlisted men by the Government for conspicuous, gallant, and special service; incidental expenses of schools of application; construction, equipment, and maintenance of school, library, and amusement rooms and gymnasiums for enlisted men, establishment, rental, and maintenance of camps of instruction, target ranges, and entrance fees in competitions; procuring, preserving, and handling ammunition and other necessary military supplies; in all, *$5,158,412.*

Transportation and recruiting.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, and of applicants for enlistment between recruiting stations and *recruiting* depots or posts, including ferriage and transfers en route, or cash in lieu thereof; toilet kits for issue to recruits upon their first enlistment and the expense of the recruiting service, *$852,414.*

Repairs to barracks.

REPAIRS OF BARRACKS, MARINE CORPS: Repairs and improvements to barracks, quarters, and other public buildings at posts and stations; for the renting, leasing, and improvement of buildings in the District of Columbia, *with the approval of the Public Buildings Commission,* and at such other places as the public exigencies require *and the erection of temporary buildings upon the approval of the Secretary of the Navy; such temporary buildings as may be erected in pursuance hereof at a total cost not to exceed $10,000 during the year, $660,898.*

Forage.

FORAGE, MARINE CORPS: For forage in kind and stabling for public animals of the Quartermaster's Department and the authorized number of officers' horses, *$113,616.*

Commutation of quarters.

COMMUTATION OF QUARTERS, MARINE CORPS: Commutation of quarters for enlisted men on recruiting duty, for officers and enlisted men serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them, for enlisted men employed as clerks and messengers in the offices of the commandant, adjutant and inspector, paymaster, and quartermaster, and the offices of the assistant adjutant and inspectors, assistant paymasters, assistant quartermasters, at $21 each per month, and for enlisted men employed as messengers in said offices, at $10 each per month, *$548,000.*

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Contingent expenses.

CONTINGENT, MARINE CORPS: For freight, expressage, tolls, cartage, advertising, washing of bed sacks, mattress covers, pillowcases, towels, and sheets, funeral expenses of officers and enlisted men, and retired officers on active duty during the war, and retired enlisted men of the Marine Corps, including the transportation of bodies and their arms and wearing apparel from the place of demise to the homes of the deceased in the United States; stationery and other paper, printing and binding; telegraphing, rent of telephones; purchase, repair, and exchange of typewriters; apprehension of stragglers and deserters; per diem of enlisted men employed on constant labor for periods of not less than ten days; employment of civilian labor; purchase, repair, and installation and maintenance of gas, electric, sewer, and water pipes and fixtures; office and barracks furniture, *vacuum cleaners*, camp and garrison equipage and implements; mess utensils for enlisted men; packing boxes, wrapping paper, oilcloth, crash, rope, twine, quarantine fees, camphor and carbonized paper, carpenters' tools, tools for police purposes, safes, purchase, hire, repair, and maintenance of such harness, wagons, motor wagons, armored automobiles, carts, drays, motor-propelled and horse-drawn passenger-carrying vehicles, to be used only for official purposes, and other vehicles as are required for the transportation of troops and supplies and for official military and garrison purposes; purchase of public horses and mules; services of veterinary surgeons, and medicines for public animals, and the authorized number of officers' horses; purchase of mounts and horse equipment for all officers below the grade of major required to be mounted; shoeing for public animals and the authorized number of officers' horses; purchase and repair of hose, fire extinguishers, hand grenades, carts, wheelbarrows, and lawn mowers; purchase, installation, and repair of cooking and heating stoves and furnaces; purchase of towels, soap, combs, and brushes for offices; postage stamps for foreign and registered postage; books, newspapers, and periodicals; improving parade grounds; repairs of pumps and wharves, water; straw for bedding, mattresses; mattress covers, pillows, sheets, furniture for Government quarters and repair of same; packing and crating officers' allowance of baggage on change of station; deodorizing, lubricants, disinfectants; *for the construction, operation, and maintenance of laundries;* and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify, *$2,740,322: Provided, That hereafter the funds received in payment for laundry work performed by post laundries shall be used to defray the cost of operation of such laundries and the receipts and expenditures shall be accounted for in accordance with the methods prescribed by law and any sums remaining at the end of the fiscal year after such cost of maintenance and operation have been*

Post laundries.

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defrayed shall be deposited in the Treasury to the credit of the appropriation from which the cost of operation of such plants is paid.

In all, for the maintenance of Quartermaster's Department, Marine Corps, *$23,429,328;* and the money herein specifically appropriated for the maintenance of the Quartermaster's Department, Marine Corps, shall be disbursed and accounted for in accordance with the existing law as maintenance, Quartermaster's Department, Marine Corps, and for that purpose shall constitute one fund.

Total, Marine Corps, exclusive of public works, *$42,749,888.28.*

INCREASE OF THE NAVY.

INCREASE OF THE NAVY, CONSTRUCTION AND MACHINERY: On account of hulls and outfits of vessels and machinery of vessels heretofore authorized, to be available until expended, *$80,000,000.* Construction and machinery.

INCREASE OF THE NAVY, TORPEDO BOATS: On account of submarine torpedo boats heretofore authorized, to be available until expended, *$17,000,000.* Torpedo boats.

INCREASE OF THE NAVY, ARMOR AND ARMAMENT: Toward the armor and armament for vessels heretofore authorized, to be available until expended, *$26,000,000.* Armor and armament.

INCREASE OF THE NAVY, AMMUNITION: On account of ammunition for vessels heretofore authorized, to be available until expended, *$10,000,000.* Ammunition.

Total increase of the Navy heretofore authorized, *$133,000,000.*

The provision in the Act entitled "An Act making appropriations for the Naval Service for the fiscal year ending June 30, 1919, and for other purposes," approved July 1, 1918, under the increase of the Navy, which reads as follows: "but not later than June 30, 1919," is hereby repealed.

The limits of cost of the vessels heretofore authorized and herein below enumerated are increased as follows: Limits of cost increased.

Battleships numbered 43 and 44 from $7,800,000 to $11,250,000. Battleships Nos. 43-44.

Battleships numbered 45, 46, 47, and 48 from $13,800,000 to $15,000,000. Battleships Nos. 45, 46, 47, and 48.

Battleships numbered 49, 50, and 51 from $18,000,000 to $21,000,000. Battleships Nos. 49, 50, and 51.

Battle cruisers numbered 1, 2, 3, 4, and 5 from $19,800,000 to $23,000,000. Battle cruisers Nos. 1 to 5.

Scout cruisers numbered 4, 5, 6, and 7 from $6,000,000 to $7,500,000. Scout cruisers Nos. 4, 5, 6, and 7.

Scout cruisers numbered 8, 9, and 10 from $7,200,000 to $7,500,000. Scout cruisers Nos. 8, 9, and 10.

Gunboat numbered 21 from $1,032,000 to $1,100,000. Gunboat.

Ammunition ship numbered 1 from $2,820,000 to $3,250,000. Ammunition ship.

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Submarines. *Submarines (R) numbered 21, 22, 23, 24, 25, 26, and 27 from $700,000 to $875,000.*

Submarines. *Submarines (S) numbered 1, 2, and 3 from $1,200,000 to $1,500,000.*

Submarines Nos. 4 to 41. *Submarines (S) from number 4 to number 41, both inclusive, from $1,300,000 to $1,750,000.*

Fuel ship. *Fuel ship numbered 16 from $1,800,000 to $2,550,000.*

Hospital ship. *Hospital ship numbered 1 from $2,820,000 to $3,250,000.*

Destroyer Tender. *Destroyer Tender numbered 3 from $2,760,000 to $3,400,000.*

Submarine Tender. *Submarine Tender numbered 3 from $2,280,000 to $3,400,000.*

NAVAL EMERGENCY FUND.

Restoration of boats, vessels, lands, etc. *To enable the Secretary of the Navy to restore to the owners, donors, or lessors such boats, vessels, land, or other property as has been donated, commandeered, chartered, or leased prior to the passage of this Act in connection with the prosecution of the war in the condition as required in the agreements, charters, contracts, or leases applying to said boats, vessels, land, or other property, $15,000,000, to be available for obligations heretofore and hereafter incurred on this account.*

Foreign trade. *That except for emergency requirements, no part of the moneys appropriated in each or any section of this Act shall be used or expended for the purchase or acquirement in any foreign country of any article or articles or materials that, at the time of the proposed acquirement, can be manufactured or produced at reasonable prices in the United States unless the efficient operation of the Navy necessitates purchase or acquirement elsewhere.*

Stop-watch proviso. That no part of the appropriations made in this Act shall be available for the salary or pay of any officer, manager, superintendent, foreman, or other person having charge of the work of any employee of the United States Government while making or causing to be made with a stop watch or other time-measuring device a time study of any job of any such employee between the starting and completion thereof, or of the movements of any such employee while engaged upon such work; nor shall any part of the appropriations made in this Act be available to pay any premiums or bonus or cash reward to any employee in addition to his regular wages, except for suggestions resulting in improvements or economy in the operation of any Government plant; *and that no part of the moneys appropriated in each or any section of this Act shall be used or expended for the purchase or acquirement of any article or articles that, at the time of the proposed acquirement, can be manufactured or produced in each or any of the Government navy yards of the United States, when time and facilities permit, for a sum less than it can be purchased or acquired otherwise.*

Trade.

Approved July 11, 1919.

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[PUBLIC—No. 243—66TH CONGRESS.]

[H. R. 13108.]

AN ACT Making appropriations for the naval service for the fiscal year ending June 30, 1921, and for other purposes.

Naval service appropriations.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums be, and they are hereby, appropriated, to be paid out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending June 30, 1921, and for other purposes:

GENERAL EXPENSES.

Schedule of all pay and allowances to be sent to Congress.

The Secretary of the Navy shall send to Congress at the beginning of its next regular session a complete schedule or list showing the amount of money of all pay and for all allowances for each grade of officers in the Navy, including retired officers, and for all officers included in this Act and for all enlisted men so included.

PAY, MISCELLANEOUS.

Expenses designated.

For commissions and interest; transportation of funds; exchange; mileage to officers of the Navy and Naval Reserve Force while traveling under orders in the United States, and for actual personal expenses of officers of the Navy and Naval Reserve Force while traveling abroad under orders, and for traveling expenses of civilian employees, and for mileage, at 5 cents per mile, to midshipmen entering the Naval Academy while proceeding from their homes to the Naval Academy for examination and appointment as midshipmen; for actual traveling expenses of female nurses; actual expenses of officers while on shore patrol duty; hire of launches or other small boats in Asiatic waters; for rent of buildings and offices not in navy yards; expenses of courts-martial, prisoners and prisons, and courts of inquiry, boards of inspection, examining boards, with clerks, and witnesses' fees, and traveling expenses and costs; expenses of naval defense districts; stationery and recording; religious books; newspapers and periodicals for the naval service; all advertising for the Navy Department and its bureaus (except advertising for recruits for the Bureau of Navigation); copying; ferriage; tolls; costs of suits; commissions, warrants, diplomas, and discharges; relief of vessels in

Expenses.

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distress; recovery of valuables from shipwrecks; quarantine expenses; reports; professional investigation; cost of special instruction at home and abroad, including maintenance of students and attachés: *Provided*, That this appropriation and the appropriation "Pay, Marine Corps," shall be available for special allowances for maintenance to officers and enlisted men of the Navy and Marine Corps serving under unusual conditions; information from abroad and at home, and the collection and classification thereof; all charges pertaining to the Navy Department and its bureaus for ice for the cooling of drinking water on shore (except at naval hospitals), telephone rentals and tolls, telegrams, cablegrams, and postage, foreign and domestic, and post-office box rentals; and other necessary and incidental expenses: *Provided further*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for clerical, inspection, and messenger service in navy yards and naval stations, for the fiscal year ending June 30, 1921, shall not exceed $1,000,000, and for necessary expenses for the interned persons and prisoners of war under the jurisdiction of the Navy Department, including funeral expenses for such interned persons or prisoners of war as may die while under such jurisdiction, and for payment of claims for damages under Naval Act approved July 11, 1919; in all, $3,550,000.

Pay, Marine Corps.

Messenger service.

Contingent.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses, exclusive of personal services in the Navy Department, or any of its subordinate bureaus or offices at Washington, District of Columbia, arising at home or abroad, but impossible to be anticipated or classified, to be expended on the approval and authority of the Secretary of the Navy, and for such purposes as he may deem proper, $75,000.

Government West Indian Islands.

TEMPORARY GOVERNMENT FOR WEST INDIAN ISLANDS: For expenses incident to the occupation of the Virgin Islands and to the execution of the provisions of the Act providing a temporary government for the West Indian Islands acquired by the United States from Denmark, and for other purposes, approved March 3, 1917, to be applied under the direction of the President, $343,440.

Fuel oil.

INVESTIGATION OF FUEL OIL AND OTHER FUEL: For an investigation of fuel oil, gasoline, and other fuel adapted to naval requirements, including the question of supply and storage and the availability economically and otherwise of such supply as may be allowed by the naval reserves on the public domain, and for such other expenses for transportation and hire of vehicles in connection with naval petroleum reserves, as the Secretary of the Navy may deem appropriate, for the purchase of necessary instruments and appliances, for the extension of the naval fuel-oil testing plant at the navy yard, Philadelphia, Pennsylvania, and the temporary employment of civilian experts and assistants, $30,000: *Provided*, That the Secre-

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tary of the Navy is directed to take possession of all properties within the naval petroleum reserves as are or may become subject to the control and use by the United States for naval purposes, and on which there are no pending claims or applications for permits or leases under the provisions of an Act of Congress approved February 25, 1920, entitled "An Act to provide for the mining of coal, phosphate, oil, oil shale, gas, and sodium on the public domain," or pending applications for United States patent under any law; to conserve, develop, use, and operate the same in his discretion, directly or by contract, lease, or otherwise, and to use, store, exchange, or sell the oil and gas products thereof, and those from all royalty oil from lands in the naval reserves, for the benefit of the United States: *And provided further*, That the rights of any claimant under said Act of February 25, 1920, are not affected adversely thereby: *And provided further*, That such sums as have been or may be turned into the Treasury of the United States from royalties on lands within the naval petroleum reserves prior to July 1, 1921, not to exceed $500,000, are hereby made available for this purpose until July 1, 1922: *Provided further*, That this appropriation shall be reimbursed from the proper appropriations on account of the oil and gas products from said properties used by the United States at such rate, not in excess of the market value of the oil, as the Secretary of the Navy may direct.

Consulting Board.

EXPENSES, CIVILIAN NAVAL CONSULTING BOARD: For actual expenses incurred by and in connection with the civilian Naval Consulting Board, including the services of one clerk, at $1,400 per annum, for duty in connection with the board at Washington, District of Columbia, $15,000.

Aviation.

AVIATION, NAVY: For aviation, to be expended under the direction of the Secretary of the Navy for procuring, producing, constructing, operating, preserving, storing, and handling aircraft, establishment and maintenance of aircraft stations for experimental work in development of aviation for naval purposes, and for the purchase or manufacture and issue of special clothing, wearing apparel, and similar equipment for aviation purposes, $20,000,000, to be expended as follows: For necessary aircraft, $3,883,400; for necessary equipment for heavier than air and lighter than air craft, $300,000; to continue authorized construction of one rigid airship, $1,500,000; for new construction at stations, $4,962,000; for new equipment for training, $100,000; for maintenance and operation of aircraft factory, helium plant, air stations, fleet activities, and conversion of tenders, testing laboratories, and for overhauling of planes, $6,044,600; for continuing experiments and development work on all types of aircraft, $2,935,000; for pay of classified force, $275,000, and the money herein specifically appropriated for "Aviation" shall be disbursed and accounted for in

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accordance with existing law as "Aviation" and for that purpose shall constitute one fund; *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy, for drafting, clerical, inspection, and messenger service for aircraft stations shall not exceed $275,000: *Provided further*, That the Secretary of the Navy is hereby authorized to consider, ascertain, adjust, determine, and pay out of this appropriation the amounts due on claims for damages which have occurred or may occur to private property growing out of the operations of naval aircraft, where such claim does not exceed the sum of $500: *Provided further*, That all claims adjusted under this authority during any fiscal year shall be reported in detail to the Congress by the Secretary of the Navy: *Provided further*, That no part of this appropriation shall be expended for maintenance of more than six heavier-than-air stations on the coasts of the continental United States: *Provided further*, That no part of this appropriation shall be used for the construction of a factory for the manufacture of aeroplanes.

Claim.

Air stations.

Marine schools. STATE MARINE SCHOOLS: To reimburse the State of New York, $25,000, the State of Massachusetts, $25,000, and the State of Washington, $25,000, for expenses incurred in the maintenance and support of marine schools in those States in accordance with section 2 of the Act entitled "An Act for the establishment of marine schools, and for other purposes," approved March 4, 1911; in all, $75,000.

Lepers, Guam. CARE OF LEPERS, ETC., ISLAND OF GUAM: Naval station, island of Guam: Maintenance and care of lepers, special patients, and for other purposes, including cost of transfer of lepers from Guam to the island of Culion, in the Philippines, and their maintenance, $20,000.

BUREAU OF NAVIGATION.

Transportation, recruiting. TRANSPORTATION AND RECRUITING: For travel allowance of enlisted men discharged on account of expiration of enlistment; transportation of enlisted men and apprentice seamen and applicants for enlistment at home and abroad, with subsistence and transfers en route, or cash in lieu thereof; transportation to their homes, if residents of the United States, of enlisted men and apprentice seamen discharged on medical survey, with subsistence and transfers en route, or cash in lieu thereof; transportation of sick or insane enlisted men and apprentice seamen to hospitals, with subsistence and transfers en route, or cash in lieu thereof; transportation of enlisted men of the Naval Reserve Force to and from duty, with subsistence and transfers en route, or cash in lieu thereof; transportation of civilian officers and crews of naval auxiliaries; apprehension and delivery of deserters and stragglers, and for railway guides and

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other expenses incident to transportation; expenses of recruiting for the naval service; rent of rendezvous and expenses of maintaining the same; advertising for and obtaining men and apprentice seamen; actual and necessary expenses in lieu of mileage to officers on duty with traveling recruiting parties, $3,500,000.

The Bureau of Navigation, Navy Department, is hereby directed to furnish to the proper officers in the several States, Territories, insular possessions, and the District of Columbia of the United States, on or before June 30, 1921, statements of the services of all persons from those several places who served in the Navy during the War with Germany, and for that purpose a sum not to exceed $200,000 is hereby appropriated for obtaining the necessary material and the employment of the necessary clerical force, and the further sum of $100,000 shall be allotted of the appropriation of $404,140 for temporary employees, Bureau of Navigation, contained in the Legislative, Executive, and Judicial Appropriation Act for the fiscal year 1921: *Provided*, That no part of the said appropriation of $404,140, or of the appropriation of $200,000 herein made, shall be used for the pay of any employee who is engaged on other than work of the Bureau of Navigation.

Service in war with Germany.

RECREATION FOR ENLISTED MEN: For the recreation, amusement, comfort, contentment, and health of the Navy, to be expended in the discretion of the Secretary of the Navy, under such regulations as he may prescribe: *Provided*, That not more than two persons shall be employed hereunder at a rate of compensation exceeding $1,800 per annum, $800,000.

Recreation.

CONTINGENT: Ferriage, continuous-service certificates, discharges, good-conduct badges, and medals for men and boys, including civilian employees who render conspicuous service by putting their lives in jeopardy to save life or property; purchase of gymnastic apparatus; transportation of effects of deceased officers and enlisted men of the Navy, and of officers and enrolled men of the Naval Reserve Force who die while on duty; books for training apprentiee seamen and landsmen; packing boxes and materials; books and models; stationery; and other contingent expenses and emergencies arising under cognizance of the Bureau of Navigation, unforeseen and impossible to classify, $20,000.

Contingent expenses.

GUNNERY AND ENGINEERING EXERCISES: Prizes, trophies, and badges for excellence in gunnery, target practice, engineering exercises, and for economy in fuel consumption, to be awarded under such rules as the Secretary of the Navy may formulate; for the purpose of printing, recording, classifying, compiling, and publishing the rules and results; for the establishment and maintenance of shooting galleries, target houses, targets, and ranges; for hiring established ranges, and for transporting equipment to and from ranges, $100,000.

Gunnery.

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Outfits.

OUTFITS ON FIRST ENLISTMENT: During the fiscal year ending June 30, 1921, the clothing and small stores fund shall be charged with the value of all issues of clothing and small stores made to enlisted men and apprentice seamen required as outfits on first enlistment, not to exceed $100 each, and for civilian clothing not to exceed $15 per man to men given discharges for bad conduct, undesirability, or inaptitude, and the uniform gratuity paid to officers of the Naval Reserve Force.

Instruments and supplies.

INSTRUMENTS AND SUPPLIES: Supplies for seamen's quarters; and for the purchase of all other articles of equipage at home and abroad; and for the payment of labor in equipping vessels therewith and manufacture of such articles in the several navy yards; all pilotage and towages of ships of war; canal tolls, wharfage, dock and port charges, and other necessary incidental expenses of a similar nature; services and materials in repairing, correcting, adjusting, and testing compasses on shore and on board ship; nautical and astronomical instruments and repairs to same; libraries for ships of war, professional books, schoolbooks, and papers; maintenance of gunnery and other training classes; compasses, compass fittings, including binnacles, tripods, and other appendages of ship's compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; photographs, photographic instruments and materials, printing outfit and materials; and for the necessary civilian electricians for gyrocompass testing and inspection, $850,000.

Ocean and lake surveys.

OCEAN AND LAKE SURVEYS: Hydrographic surveys, including the pay of the necessary hydrographic surveyor, cartographic draftsmen, and recorders, and for the purchase and printing of nautical books, charts, and sailing directions, $105,000: *Provided*, That the Secretary of the Navy is authorized to detail such naval officers as may be necessary to the Hydrographic Office.

Naval training station, California.

NAVAL TRAINING STATION, CALIFORNIA: Maintenance of naval training station, Yerba Buena Island, California: Labor and material; buildings and wharves; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, tools, and repairs to same; fire engines and extinguishers; gymnastic implements; models, and other articles needed in instruction of apprentice seamen; printing outfit and materials, and maintenance of same; heating and lighting; stationery, books, schoolbooks, and periodicals; fresh water, and washing; packing boxes and materials; and all other contingent expenses; maintenance of dispensary building; lectures and suitable entertainments for apprentice seamen; in all, $125,000.

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NAVAL TRAINING STATION, RHODE ISLAND: Maintenance of naval training station, Rhode Island: Labor and material, buildings and wharves; dredging channels; extending sea walls; repairs to causeway and sea wall; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, repairs to same, including the maintenance, repair, and operation of two horse-drawn passenger-carrying vehicles to be used only for official purposes; fire engines and extinguishers; gymnastic implements; models and other articles needed in instruction of apprentice seamen; printing outfit and materials, and maintenance of same; heating and lighting; stationery, books, schoolbooks, and periodicals; fresh water, and washing; packing boxes and materials; and all other contingent expenses; lectures and suitable entertainments for apprentice seamen; in all, $275,000: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, drafting, inspection, and messenger service for the fiscal year ending June 30, 1921, shall not exceed $15,701.60. Naval training station, Rhode Island.

NAVAL TRAINING STATION, GREAT LAKES: Maintenance of naval training station: Labor and material; general care, repairs, and improvements of grounds, buildings, and piers; street car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same, including the maintenance, repair, and operation of one horse-drawn passenger-carrying vehicle to be used only for official purposes; fire apparatus and extinguishers; gymnastic implements; models and other articles needed in instruction of apprentice seamen; printing outfit and material, and maintenance of same; heating and lighting, and repairs to power-plant equipment, distributing mains, tunnel, and conduits; stationery, books, schoolbooks, and periodicals; washing; packing boxes and materials; lectures and suitable entertainments for apprentice seamen; and all other contingent expenses: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, drafting, inspection, and messenger service for the fiscal year ending June 30, 1921, shall not exceed $45,000; in all, naval training station, Great Lakes, $575,000. Naval training station, Great Lakes.

NAVAL TRAINING STATION, NAVAL OPERATING BASE, HAMPTON ROADS, VIRGINIA: Maintenance of naval training station at naval operating base, Virginia: Labor and material, general care, repairs, and improvements; schoolbooks; and all other incidental expenses: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, drafting, inspection, and messenger service for the fiscal Naval training station, Hampton Roads.

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year ending June 30, 1921, shall not exceed $25,000; in all, $375,000.

Permanent naval training stations.

The Secretary of the Navy is hereby authorized, in his direction, to establish at two of the permanent naval training stations experimental summer schools for boys between the ages of sixteen and twenty years. For this purpose he is authorized to use such buildings, or other accommodations, at such training stations; to loan any naval equipment necessary for such purposes, and to give instructions which will fit them for service in the Navy of the United States. He is empowered to establish and enforce such rules within the camp as may be necessary and to detail such members of the naval personnel as may be required in order to encourage and execute the spirit of this Act. The Secretary of the Navy is further authorized to loan the necessary naval uniforms during the period of training and to furnish subsistence, medical attendance, and other necessary incidental expenses for those attending these schools: *Provided*, That those under instruction, with the consent of their parents or their guardians, shall enroll in the Naval Reserve Force for not less than three months, and no person not so enrolled shall be admitted to said training schools. For carrying out the provisions of this paragraph the sum of $200,000 is appropriated.

Reserve Force.

NAVAL RESERVE FORCE: For expenses of organizing, administering, and recruiting the Naval Reserve Force and Naval Militia; for the maintenance and rental of armories, including the pay of necessary janitors, and for wharfage, $50,000: *Provided*, That no part of the money appropriated in this Act shall be used for the training of any member of the Naval Reserve Force except with his own consent: *Provided further*, That, until June 30, 1922, of the Organized Militia as provided by law, such part as may be duly prescribed in any State, Territory, or the District of Columbia shall constitute a Naval Militia; and, until June 30, 1922, such of the Naval Militia as now is in existence, and as now organized and prescribed by the Secretary of the Navy under authority of the Act of Congress approved February 16, 1914, shall be a part of the Naval Reserve Force, and the Secretary of the Navy is authorized to maintain and provide for said Naval Militia as provided in said Act: *Provided*

Naval Militia.

further, That upon their enrollment in the Naval Reserve Force, and not otherwise, until June 30, 1922, the members of said Naval Militia shall have all the benefits, gratuities, privileges, and emoluments provided by law for other members of the Naval Reserve Force; and that, with the approval of the Secretary of the Navy, duty performed in the Naval Militia may be counted as active service for the maintenance of efficiency required by law for members of the Naval Reserve Force: *And provided further*, That all moneys appropriated for the Naval Reserve Force or for the Naval Militia shall

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constitute one fund and hereby are made available, under the direction of the Secretary of the Navy, for both.

RECEIVING BARRACKS: Maintenance of receiving barracks, $100,000. Receiving barracks.

NAVAL WAR COLLEGE, RHODE ISLAND: For Maintenance of the Naval War College on Coasters Harbor Island, including the maintenance, repair, and operation of one horse-drawn passenger-carrying vehicle to be used only for official purposes; and care of ground for same, $82,750; services of a professor of international law, $2,000; services of civilian lecturers, rendered at the War College, $1,200; care and preservation of the library, including the purchase, binding, and repair of books of reference and periodicals, $5,000: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, inspection, drafting, and messenger service for the fiscal year ending June 30, 1921, shall not exceed $50,000; in all, Naval War College, Rhode Island, $90,950. War College. Rhode Island.

NAVAL HOME, PHILADELPHIA, PAY OF EMPLOYEES: One secretary, $2,200; one foreman mechanic, $2,200; one superintendent of grounds, at $1,080; one steward, at $1,200; one store laborer, at $660; one matron and office assistant, at $720; one beneficiaries' attendant, at $480; one chief cook, at $660; one assistant cook, at $540; one assistant cook, at $480; one chief laundress, at $420; five laundresses, at $360 each; one chief scrubber, at $420; three scrubbers, at $360 each; one head waitress, at $480; ten waitresses, at $360 each; one kitchen attendant, at $450; five laborers, at $600 each; five laborers, at $540 each; one stable keeper and driver, at $660; one master at arms, at $900; two house corporals, at $600 each; one barber, at $600; one carpenter, at $1,200; one painter, at $1,200; one painter, at $1,020; one engineer, $1,080; four laborers, at $720 each; two laborers, at $840 each; one laborer, at $660; one chauffeur, coal truck, at $960; one chauffeur, small truck, at $840; one chauffeur, governor's car, $840; one electrician, $1,400; two stenographers and typewriters, at $1,400 each; one stenographer and typewriter, $1,200; one stenographer and typewriter, $1,000; one telephone operator, $900; total for employees, $47,280. Naval Home, Philadelphia.

MAINTENANCE: Water rent, heating, and lighting; cemetery, burial expenses and headstones; general care and improvements of grounds, buildings, walls, and fences; repairs to power-plant equipment, implements, tools, and furniture, and purchase of the same; music in chapel and entertainments for beneficiaries; stationery, books, and periodicals; transportation of indigent and destitute beneficiaries to the Naval Home, and of sick and insane beneficiaries, their attendants and necessary subsistence for both, to and from other Government hospitals; employment of such beneficiaries in and about the Naval Home, as may be authorized by the Secretary Maintenance

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of the Navy, on the recommendation of the governor; support of beneficiaries, and all other contingent expenses, including the maintenance, repair, and operation of one-horse-drawn passenger-carrying vehicle, two motor-propelled vehicles, and one motor-propelled passenger-carrying vehicle, to be used only for official purposes, $110,366; in all, Naval Home, $157,646, which sum shall be paid out of the income from the naval pension fund.

BUREAU OF ORDNANCE.

Ordnance.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material; for the armament of ships, for fuel, material, and labor to be used in the general work of the Ordnance Department; for furniture at naval ammunition depots, torpedo stations, naval ordnance plants, and proving grounds; for maintenance of proving grounds, powder factory, torpedo stations, gun factory, ammunition depots, and naval ordnance plants, and for target practice; for the maintenance, repair, or operation of horse-drawn and motor-propelled freight and passenger-carrying vehicles, to be used only for official purposes at naval ammunition depots, naval proving grounds, naval ordnance plants, and naval torpedo stations, and for the pay of chemists, clerical, drafting, inspection, and messenger service in navy yards, naval stations, naval ordnance plants, and naval ammunition depots: *Provided*, Quarterly reports on all gasoline passenger and freight automobiles shall be made on Form numbered 124, and one copy of each report shall be filed in the Bureau of Yards and Docks: *Provided further*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for chemists, clerical, drafting, inspection, watchmen, and messenger service in navy yards, naval stations, naval ordnance plants, and naval ammunition depots for the fiscal year ending June 30, 1921, shall not exceed $2,000,000; in all, $17,500,000.

Purchase and manufacture of smokeless powder, $200,000.

Experiments.

EXPERIMENTS, BUREAU OF ORDNANCE: For experimental work in the developing of armor-piercing and torpedo shell and other projectiles, fuses, powders, and high explosives, in connection with problems of the attack of armor with direct and inclined fire at various ranges, including the purchase of armor, powder, projectiles, and fuses for the above purposes and of all necessary material and labor in connection therewith; and for other experimental work under the cognizance of the Bureau of Ordnance, in connection with the development of ordnance material for the Navy, $200,000.

Contingent expense.

CONTINGENT, BUREAU OF ORDNANCE: For miscellaneous items, namely, cartage, expenses of light and water at ammunition depots and stations, tolls, ferriage, technical books, and incidental expenses attending inspection of ordnance material, $25,000.

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BUREAU OF YARDS AND DOCKS.

MAINTENANCE, BUREAU OF YARDS AND DOCKS: For general maintenance of yards and docks, namely, for books, maps, models, and drawings; purchase and repair of fire engines; fire apparatus and plants; machinery; operation, repair, purchase, maintenance of horses and driving teams, carts, timber wheels, and all vehicles, including motor-propelled and horse-drawn passenger-carrying vehicles to be used only for official purposes, and including motor-propelled vehicles for freight-carrying purposes only for use in all navy yards and naval stations; tools and repair of the same; stationery; furniture for Government houses and offices in navy yards and naval stations; coal and other fuel; candles, oil, and gas; attendance on light and power plants; cleaning and clearing up yards and care of buildings; attendance on fires, lights, fire engines, and fire apparatus and plants; incidental labor at navy yards; water tax, tolls, and ferriage; pay of watchmen in navy yards; awnings and packing boxes; and pay for employees on leave, $6,500,000: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, inspection, drafting, messenger, and other classified work in the navy yards and naval stations, except similar expenditures in the Bureau of Yards and Docks, for the fiscal year ending June 30, 1921, shall not exceed $1,300,000: *Provided further*, That no part of any appropriation contained in this Act shall be used for the purchase of passenger-carrying automobiles: *Provided further*, That during the fiscal year ending June 30, 1921, operators of motor vehicles who were carried on the rolls of other bureaus prior to July 1, 1920, shall be continued to be so carried where their employment shall be found necessary. Maintenance.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses and minor extensions and improvements of public works at navy yards and stations, $150,000. Contingent expense.

PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

NAVY YARD, PORTSMOUTH, NEW HAMPSHIRE: Welding shop, $15,000. Portsmouth.

NAVY YARD, NEW YORK, NEW YORK: Storage facilities for gasoline and turpentine, $6,000; additional wood block paving, $50,000; extension, distributing system, $41,000; steel storage crane runway and electric traveling cranes, $200,000; two cranes for building slips, $100,000; in all, $397,000. New York.

The expenditure of the appropriation of $750,000 for water front improvements, navy yard, New York, contained in the naval appropriation Act for the fiscal year 1919, is hereby suspended until July 1, 1921. Water front, New York.

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Philadelphia.

NAVY YARD, PHILADELPHIA, PENNSYLVANIA: Dry dock, to complete, and the limit of cost is increased to $6,300,000, $1,000,000; general dredging, $100,000; two cranes for building slips, $100,000; in all, $1,200,000.

Washington.

NAVY YARD, WASHINGTON, DISTRICT OF COLUMBIA: Forge shop water supply, $7,500.

Annapolis.

BUILDINGS AND GROUNDS, NAVAL ACADEMY: Install running water in first and third wings, Bancroft Hall, $69,000; water purification plant, $85,000; improvement of swimming tank, $6,000; in all, $160,000.

Norfolk.

NAVY YARD, NORFOLK, VIRGINIA: Steel storage, to complete, $220,000; crane for building slip, $50,000; water front improvements to continue, $250,000; in all, $520,000.

Charleston.

NAVY YARD, CHARLESTON, SOUTH CAROLINA: Dredging, to continue, $40,000.

Key West.

NAVAL STATION, KEY WEST, FLORIDA: Distilling plant, $75,000.

New Orleans.

NAVAL STATION, NEW ORLEANS, LOUISIANA: Fuel-oil plant, $30,000.

Naval base, San Francisco. Special committee.

That a special joint committee is hereby created, to be composed of five Members of the Senate to be appointed by the President of the Senate, and five Members of the House of Representatives to be appointed by the Speaker of the House of Representatives. The committee shall investigate the advisability of establishing, developing, and maintaining a naval base on San Francisco Bay or the waters tributary thereto. The committee shall prepare comparative estimates of the cost of acquiring, establishing, developing, and maintaining such sites and shall report to the Congress of the United States not later than December 31, 1920, the result of its investigation, together with such other recommendations, estimates, and information as it deems proper, including information concerning a deeper channel to Mare Island Navy Yard and a sufficient water basin at Mare Island.

That said committee shall also investigate and report in like manner as to the advisability and cost of establishing an aviation base at Sand Point, King County, Washington; a submarine base at Los Angeles Harbor (San Pedro), California; and a submarine, destroyer, and aviation base at Port Angeles, Washington.

That the Secretary of the Navy is hereby directed to detail such technical experts to assist the committee as the committee may request.

Pay for special committee.

That the expenses of said committee shall be paid, one-half from the contingent fund of the House of Representatives and one-half from the contingent fund of the Senate, upon vouchers authorized by the committee and signed by the chairman thereof; and for the cost of borings and the procuring and collating of all other technical data in connection with such investigation, there is hereby appropriated out of any moneys in the Treasury not otherwise appropriated the sum of $50,000.

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Naval radio station, South San Francisco, Calif.

The Secretary of the Navy is hereby authorized to exchange a track of land containing ten and four hundred and twenty-seven thousandths acres, more or less, owned by the United States, comprising a portion of the naval radio station, South San Francisco, California, for a tract of land containing ten and four hundred and twenty-seven thousandths acres, more or less, owned by the South San Francisco Land and Improvement Company, to execute the necessary instruments to effect such an exchange, and to make just compensation to said company for dismantling radio mast and terminating existing lease, and the sum of $6,000, or so much thereof as may be required, is hereby appropriated for the foregoing purposes.

Naval station, San Diego.

The Secretary of the Navy is hereby authorized to accept from the city of San Diego, California, free from encumbrances and conditions and without cost to the United States Government, a certain tract of land containing one hundred and twenty-seven acres, more or less, for use as a site for naval station uses and purposes, being land now leased to the United States Shipping Board Emergency Fleet Corporation. Also a certain other tract of land known as block fourteen in the city of San Diego, California, together with the land lying between said block and the waters of the harbor, and all riparian rights, for use for naval purposes.

Mare Island.

NAVY YARD, MARE ISLAND, CALIFORNIA: Maintenance of dikes and dredging, $100,000; underground electrical distributing system, $75,000; in all, $175,000.

Puget Sound.

NAVY YARD, PUGET SOUND, WASHINGTON: Railroad extensions, $25,000; for grading, filling, and sea-wall construction, to continue, $175,000; fire protection, $50,000; locomotive cranes, $30,000; keel blocks for Dry Dock No. 2, $40,000; in all, $320,000.

Pearl Harbor.

NAVAL STATION, PEARL HARBOR, HAWAII: Electric connections to dry dock, $15,000; central power plant extensions, $200,000; quay wall connecting dry dock and wharf, $330,000; machine shop, to continue, $100,000; electric-system extensions, $30,000; oxy-acetylene building, $15,000; marine railway, to complete, $200,000; in all, $890,000.

Rifle range, Pearl Harbor.

The Secretary of the Navy is hereby authorized to exchange a tract of land containing eighty-one and seven-tenths acres, more or less, being a part of Puuloa Rifle Range Reservation, located at the entrance of Pearl Harbor, Hawaii, forming the northeasterly portion of said reservation, for an equal acreage of land free from encumbrances and located adjoining the northwesterly portion of said reservation.

Land for naval purposes, Honolulu.

The Secretary of the Navy is hereby authorized to exchange certain land now a part of the naval station property at Honolulu, Hawaii, necessary for the extension of Punchbowl Street, city of Honolulu, through the naval station, for certain land now owned or to be acquired by

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the Territory of Hawaii, lying to the northeast of the naval station, Pearl Harbor, Hawaii, and containing one hundred and thirty-two acres, more or less, required for naval purposes.

Cavite. NAVAL STATION, CAVITE, PHILIPPINE ISLANDS: Fuel-oil storage, $25,000.

Hospital, Olongapoo, P. I. The Secretary of the Navy is hereby authorized to construct a hospital building at Olongapo, Philippine Islands, at a cost not exceeding $75,000: *Provided*, That the proceeds derived from the sale of the U. S. S. Repose are hereby made available, in an amount not to exceed $75,000, for the construction of said building.

Magazine, Puget Sound. NAVAL MAGAZINE, PUGET SOUND, WASHINGTON: Magazine for T. N. T., $25,000.

Ammunition depot, Pearl Harbor. NAVAL AMMUNITION DEPOT, PEARL HARBOR, HAWAII: Shell house, $70,000; roads and walks, $10,000; in all, $80,000.

Great Lakes. NAVAL TRAINING STATION, GREAT LAKES, ILLINOIS, BUILDINGS: Toward shore portection and harbor development, to continue, $500,000.

Coal depots. DEPOTS FOR COAL: For depots for coal and other fuel: Contingent, $50,000; care and custody of naval petroleum reserves, $10,000; water system at Yorktown, Virginia, $25,000; in all, $85,000.

Boiler house, etc., Hampton Roads. NAVAL OPERATING BASE, HAMPTON ROADS, VIRGINIA: Hot water returns to boiler house, $100,000; additional railroad track, $25,000; comfort stations, $36,000; sanitation, $10,000, which sum is hereby made immediately available for the control of malaria and mosquito breeding; in all, $171,000.

Hospital, Norfolk. NAVAL HOSPITAL, NORFOLK, VIRGINIA: Purchase of land for spur track, $450.

Hospital, Philadelphia. NAVAL HOSPITAL, PHILADELPHIA, PENNSYLVANIA: Operating pavilion, $30,000.

San Diego. MARINE BARRACKS, SAN DIEGO, CALIFORNIA: Toward the further development of the Marine Corps base, $500,000.

Fuel depot, San Diego. NAVAL FUEL DEPOT, SAN DIEGO, CALIFORNIA: Increase capacity of marine railway to two thousand five hundred tons and transfer of same to naval station site on San Diego Bay, California, and to provide additional shore facilities at said station, $750,000; toward the construction of a storehouse and fleet landing at the foot of Broadway, San Diego, California, $400,000; in all, $1,150,000.

Submarine base, New London. SUBMARINE BASE, NEW LONDON, CONNECTICUT: Toward the completion of a submarine base, at New London, Connecticut, $50,000.

Submarine and destroyer base, Columbia River. SUBMARINE AND DESTROYER BASE, COLUMBIA RIVER: Toward the development of a submarine and destroyer base, and the Secretary of the Navy is hereby authorized to accept from the city of Astoria, Oregon, free from encumbrances and conditions and without cost to the United States Government, a certain tract of land at

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Tongue Point, Columbia River, for use as a site for a naval submarine and destroyer base, and containing one hundred and fifteen acres, more or less, of hard land and two hundred and fifty-six acres of submerged land, $250,000.

TRAINING STATION, SAN DIEGO, CALIFORNIA: Toward the development of a permanent training station, San Diego, California, $1,000,000. Permanent training station, San Diego.

REPAIRS AND PRESERVATION AT NAVY YARDS: For repairs and preservation at navy yards, fuel depots, fuel plants, and stations, $3,000,000. Repairs, navy yards.

Total public works, $10,751,950, and the amounts herein appropriated therefor, except for repairs and preservation at navy yards and stations, shall be available until expended.

BUREAU OF MEDICINE AND SURGERY.

MEDICAL DEPARTMENT: For surgeon's necessaries for vessels in commission, navy yards, naval stations, and Marine Corps; and for the civil establishment at the several naval hospitals, navy yards, naval medical supply depots, Naval Medical School and Dispensary, Washington, and Naval Academy, including one bookkeeper at $1,600 and one clerk at $1,400 at the naval medical supply depot, Brooklyn, $2,500,000: *Provided*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for clerical service in naval hospitals, dispensaries, medical supply depots, and Naval Medical School, for the fiscal year ending June 30, 1921, shall not exceed $150,000. Medical Department.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For tolls and ferriages; care, transportation, and burial of the dead, including officers who die within the United States, and supernumerary patients who die in naval hospitals; purchase of cemetery lots; purchase of books and stationery, binding of medical records, unbound books, and pamphlets; hygienic and sanitary investigation and illustration; sanitary, hygienic, and special instruction, including the printing and issuing of naval medical bulletins and supplements; purchase and repairs of nonpassenger-carrying wagons, automobile ambulances, and harness; purchase of and feed for horses and cows; maintenance, repair, and operation of two passenger-carrying motor vehicles for naval dispensary, Washington, District of Columbia, and of one motor-propelled vehicle for official use only for the medical officer on outpatient medical service at the Naval Academy, and a motor omnibus for the transportation of convalescent patients and attendants at the Naval Hospital at Las Animas, Colorado, to be used only for official purposes; trees, plants, care of grounds, garden tools, and seeds; incidental articles for the Naval Medical School and naval dispensary, Washington, naval medical supply depots, sick quarters at Naval Academy and marine Contingent expenses.

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barracks; washing for medical department at Naval Medical School and naval dispensary, Washington, naval medical supply depots, sick quarters at Naval Academy and marine barracks, dispensaries at navy yards and naval stations, and ships; and for minor repairs on buildings and grounds of the United States Naval Medical School and naval medical supply depots; rent of rooms for naval dispensary, Washington, District of Columbia, not to exceed $1,200; for the care, maintenance, and treatment of the insane of the Navy and Marine Corps on the Pacific coast, including supernumeraries held for transfer to the Government Hospital for the Insane; for dental outfits and dental material, and all other necessary contingent expenses; in all, $500,000.

Transportation of remains.

BRINGING HOME REMAINS OF OFFICERS, AND SO FORTH, NAVY DEPARTMENT: To enable the Secretary of the Navy, in his discretion, to cause to be transferred to their homes the remains of officers and enlisted men of the Navy and Marine Corps, of members of the Nurse Corps, of civilian officers and crews of naval auxiliaries, and of officers and enlisted men of the Naval Militia and National Naval Volunteers and the Naval Reserve Force when on active service with the Navy, who die or are killed in action ashore or afloat, and also to enable the Secretary of the Navy, in his discretion, to cause to be transported to their homes the remains of civilian employees who die outside of the continental limits of the United States, $300,000: *Provided*, That the sum herein appropriated shall be available for payment for transportation of the remains of officers and men who have died while on duty at any time since April 21, 1898, and shall be available until June 30, 1922.

Hospital patients.

CARE OF HOSPITAL PATIENTS: For the care, maintenance, and treatment of patients, including supernumeraries, in naval and in other than naval hospitals, $100,000.

BUREAU OF SUPPLIES AND ACCOUNTS.

Pay of Navy.

PAY OF THE NAVY: Pay and allowances prescribed by law of officers on sea duty and other duty, and officers on waiting orders, $33,655,372; officers on the retired list, $3,157,700; commutation of quarters for officers, including boatswains, gunners, carpenters, sailmakers, machinists, pharmacists, pay clerks, and mates, naval constructor, and assistant naval constructors, $3,895,776, and also members of Nurse Corps (female), $1,000; for hire of quarters for officers serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them or commutation of quarters not to exceed the amount which an officer would receive were he not serving with troops, and hire of quarters for officers and enlisted men on sea duty at such times as they may be deprived of their quarters on board ship due to repairs or other conditions

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which may render them uninhabitable, $25,000; pay of enlisted men on the retired list, $1,067,950; extra pay to men reenlisting under honorable discharge, $1,175,000; interest on deposit by men, $30,000; pay of petty officers, seamen, landsmen, and apprentice seamen, including men in the engineers' force and men detailed for duty with the Fish Commission, enlisted men, men in trade schools, and pay of enlisted men of the Hospital Corps, $61,603,059; pay of enlisted men undergoing sentence of court-martial, $431,280, and as many machinists as the President may from time to time deem necessary to appoint; and apprentice seamen under training at training stations and on board training ships, at the pay prescribed by law, $1,357,200; pay of the Nurse Corps, $628,200; rent of quarters for members of the Nurse Corps, $39,000; retainer pay and active-service pay of members of the Naval Reserve Force, $12,000,000; payment of $60 discharge gratuity, $1,800,000; reimbursement for losses of property under Act of October 6, 1917, $10,000; in all, $120,876,537; and the money herein specifically appropriated for "Pay of the Navy" shall be disbursed and accounted for in accordance with existing law as "Pay of the Navy," and for that purpose shall constitute one fund: *Provided*, That retainer pay provided by existing law shall not be paid to any member of the Naval Reserve Force who fails to train as provided by law during the year for which he fails to train.

Pay to widow of dead of Navy and Marine Corps.

That hereafter, immediately upon official notification of the death from wounds or disease, not the result of his or her own misconduct, of any officer, enlisted man, or nurse on the active list of the Regular Navy or Regular Marine Corps, or on the retired list when on active duty, the Paymaster General of the Navy shall cause to be paid to the widow, and if there be no widow to the child or children, and if there be no widow or child, to any other dependent relative of such officer, enlisted man, or nurse previously designated by him or her, an amount equal to six months' pay at the rate received by such officer, enlisted man, or nurse at the date of his or her death. The Secretary of the Navy shall establish regulations requiring each officer and enlisted man or nurse having no wife or child to designate the proper dependent relative to whom this amount shall be paid in case of his or her death. Said amount shall be paid from funds appropriated for the pay of the Navy and pay of the Marine Corps, respectively: *Provided*, That nothing in this section or in other existing legislation shall be construed as making the provisions of this section applicable to officers, enlisted men, or nurses of any forces of the Navy of the United States other than those of the regular Navy and Marine Corps, and nothing in this section shall be construed to apply in commissioned grades to any officers except those holding permanent or probationary appointments in the Regular Navy or Marine Corps:

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Provided, That the provisions of this section shall apply so the officers and enlisted men of the Coast Guard, and the Secretary of the Treasury will cause payment to be made accordingly.

Pay of Superintendent, Coast and Geodetic Survey.

That the Superintendent of the Coast and Geodetic Survey shall have the relative rank, pay, and allowances of a captain in the Navy, and that hereafter he shall be appointed by the President, by and with the advice and consent of the Senate, from the list of commissioned officers of the Coast and Geodetic Survey not below the rank of commander for a term of four years, and may be reappointed for further periods of four years each.

Provisions, Navy.

PROVISIONS, NAVY: For provisions and commuted rations for the seamen and marines, which commuted rations may be paid to caterers of messes, in case of death or desertion, upon orders of the commanding officers, commuted rations for officers on sea duty (other than commissioned officers of the line, Medical and Supply Corps, chaplains, chief boatswains, chief gunners, chief carpenters, chief machinists, chief pay clerks, and chief sailmakers) at 68 cents per diem, and midshipmen at $1.08 per diem, and commuted rations stopped on account of sick in hospital and credited at the rate of 68 cents per ration to the naval hospital fund; subsistence of officers and men unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for commutation therefor to be given); subsistence of men on detached duty; subsistence of officers and men of the naval auxiliary service; subsistence of members of the Naval Reserve Force during period of active service; expenses in handling provisions and for subsistence of female nurses and Navy and Marine Corps general courts-martial prisoners undergoing imprisonment with sentences of dishonorable discharge from the service at the expiration of such confinement: *Provided*, That the Secretary of the Navy is authorized to commute rations for such general courts-martial prisoners in such amounts as seem to him proper, which may vary in accordance with the location of the naval prison, but which shall in no case exceed 30 cents per diem for each ration so commuted; and for the purchase of United States Army emergency rations as required; in all, $26,000,000, to be available until the close of the fiscal year ending June 30, 1922.

Maintenance, Bureau of Supplies and Accounts.

MAINTENANCE, BUREAU OF SUPPLIES AND ACCOUNTS: For fuel; the removal and transportation of ashes and garbage from ships of war; books, blanks, and stationery, including stationery for commanding and navigating officers of ships, chaplains on shore and afloat, and for the use of courts-martial on board ships; purchase, repair, and exchange of typewriters for ships; packing boxes and materials; interior fittings for general storehouses, pay offices, and accounting offices in navy yards;

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expenses of disbursing officers; coffee mills and repair thereto; expenses of naval clothing factory and machinery for the same; laboratory equipment; purchase of articles of equipage at home and abroad under the cognizance of the Bureau of Supplies and Accounts, and for the payment of labor in equipping vessels therewith, and the manufacture of such articles in the several yards; musical instruments and music; mess outfits; soap on board naval vessels; athletic outfits; tolls, ferriages, yeomen's stores, safes, and other incidental expenses; labor in general storehouses, paymasters' offices, and accounting offices in navy yards and naval stations, including naval stations maintained in island possessions under the control of the United States, and expenses in handling stores purchased and manufactured under "General account of advances," and the accounting officers of the Treasury are authorized and directed to credit "General account of advances" with the amount of the net losses which may be certified by the Paymaster General of the Navy as having been incurred in disposing of excess stocks in the naval supply account; and reimbursement to appropriations of the Department of Agriculture of cost of inspection of meats and meat food products for the Navy Department: *Provided*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for chemists and for clerical, inspection, and messenger service in the supply and accounting departments of the navy yards and naval stations and disbursing offices for the fiscal year ending June 30, 1921, shall not exceed $3,500,000; in all, $10,500,000.

Freight.

FREIGHT, BUREAU OF SUPPLIES AND ACCOUNTS: All freight and express charges pertaining to the Navy Department and its bureaus, except the transportation of coal for the Bureau of Supplies and Accounts, $2,000,000.

Fuel and transportation.

FUEL AND TRANSPORTATION: Coal and other fuel for steamers' and ships' use, including expenses of transportation, storage, and handling the same; maintenance and general operation of machinery of naval fuel depots and fuel plants; water for all purposes on board naval vessels; and ice for the cooling of water, including the expense of transportation and storage of both, $10,000,000; *Provided*, That the United States Shipping Board shall not require payment from the Navy Department for the charter hire of vessels furnished or to be furnished from July 1, 1918, to June 30, 1921, inclusive, for the use of that department when such vessels are owned by the United States Government: *Provided further*, That $1,000,000 of this appropriation shall be available for use, in the discretion of the Secretary of the Navy, in mining coal or contracting for the same in Alaska, the transportation of the same, and the construction of coal bunkers and the necessary docks for

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use in supplying ships therewith; and the Secretary of the Navy is hereby authorized to select from the public coal lands in Alaska such areas as may be necessary for use by him for the purposes stated herein.

BUREAU OF CONSTRUCTION AND REPAIR.

Construction and repair of vessels.

CONSTRUCTION AND REPAIR OF VESSELS: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; steam steerers, pneumatic steerers, steam capstans, steam windlasses, and all other auxiliaries; labor in navy yards and on foreign stations; purchase of machinery and tools for use in shops; carrying on work of experimental model tank and wind tunnel; designing naval vessels; construction and repair of yard craft, lighters, and barges; wear, tear, and repair of vessels afloat; general care, increase, and protection of the Navy in the line of construction and repair; submarine chasers, patrol boats; incidental expenses for vessels and navy yards, inspectors' offices, such as photographing, books, professional magazines, plans, stationery, and instruments for drafting room, and for pay of classified force under the bureau; for hemp, wire, iron, and other materials for the manufacture of cordage, anchors, cables, galleys, and chains; specifications for purchase thereof shall be so prepared as shall give fair and free competition; canvas for the manufacture of sails, awnings, hammocks, and other work; interior appliances and tools for manufacturing purposes in navy yards and naval stations; and for the purchase of all other articles of equipage at home and abroad; and for the payment of labor in equipping vessels therewith and manufacture of such articles in the several navy yards; naval signals and apparatus, other than electric, namely, signals, lights, lanterns, running lights, and lamps and their appendages for general use on board ship for illuminating purposes; and oil and candles used in connection therewith; bunting and other materials for making and repairing flags of all kinds; for all permanent galley fittings and equipage; rugs, carpets, curtains, and hangings on board naval vessels, $31,000,000: *Provided*, That the Secretary of the Navy is authorized to make expenditures from the appropriation "Increase of the Navy, Construction and Machinery" for repairs and changes on either the Kearsarge or Kentucky in an amount not to exceed $2,000,000: *Provided further*, That the Secretary of the Navy is hereby authorized to accept, on behalf of the United States of America, from the city of Erie, Pennsylvania, free from all encumbrances and conditions and without cost to the United States Government, title to the naval brig Niagara; and, upon delivery of said vessel to the United States, to make expenditures from the appropriation "Construction and repair of vessels," for the restoration, preservation, and maintenance of said vessel in the city of Erie, Penn-

Naval brig Niagara.

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sylvania, including the construction of suitable facilities for anchoring said vessel and properly preserving it for historical purposes: *Provided*, That the amount of money to be expended shall not exceed $5,000: *Provided further*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for clerical, drafting, inspection, watchmen (ship keepers), and messenger service in navy yards, naval stations, and offices of superintending naval constructors for the fiscal year ending June 30, 1921, shall not exceed $3,500,000.

Improvement of construction plants.

IMPROVEMENT OF CONSTRUCTION PLANTS: For repairs and improvement of machinery and implements at construction plants at navy yards at Portsmouth, New Hampshire, *$8,000;* Boston, Massachusetts, *$20,000;* New York, New York, *$28,000;* Philadelphia, Pennsylvania, *$20,000;* Norfolk, Virginia, *$28,000;* Charleston, South Carolina, *$8,000;* Mare Island, California, *$35,000;* Puget Sound, Washington, *$25,000;* in all, *$172,000.*

BUREAU OF STEAM ENGINEERING.

Bureau of Steam Engineering.

Engineering.

ENGINEERING: For repairs, preservation, and renewal of machinery, auxiliary machinery, and boilers of naval vessels, yard craft, and ships' boats, distilling and refrigerating apparatus; repairs, preservation, and renewals of electric interior and exterior signal communications and all electrical appliances of whatsoever nature on board naval vessels, except range finders, battle order and range transmitters and indicators, and motors and their controlling apparatus used to operate machinery belonging to other bureaus; searchlights and fire-control equipments for antiaircraft defense at shore stations; maintenance and operation of coast signal service *including not to exceed $20,000 for the purchase of land necessary for radio shore stations;* equipage, supplies, and materials under the cognizance of the bureau required for the maintenance and operation of naval vessels, yard craft, and ship's boats; purchase, installation, repair, and preservation of machinery, tools, and appliances in navy yards and stations, pay of classified force under the bureau; incidental expenses for naval vessels, navy yards, and stations, inspectors' offices, the engineering experiment station, such as photographing, technical books and periodicals, stationery, and instruments; instruments and apparatus, supplies, and technical books and periodicals necessary to carry on experimental and research work in radiotelegraphy at the naval radio laboratory: *Provided*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for clerical, drafting, inspection, and messenger service in navy yards, naval stations, and offices of United States inspectors of machinery and engineering material for the fiscal year ending June 30, *1921*, shall not exceed *$2,500,000;* in all, engineering, *$29,050,000, and the*

Radio shore stations.

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Bureau of Engineering.

Bureau of Steam Engineering hereafter shall be designated the "Bureau of Engineering."

Experiment Station, Annapolis.

ENGINEERING EXPERIMENT STATION, UNITED STATES NAVAL ACADEMY, ANNAPOLIS, MARYLAND: For the original investigation and extended experimentation of naval appliances, testing implements and apparatus; purchase and installation of such machines and auxiliaries considered applicable for test and use in the naval service, and for maintenance and equipment of buildings and grounds, *$225,000.*

Naval Academy.

NAVAL ACADEMY.

Pay.

PAY, NAVAL ACADEMY: Pay of professors and others, Naval Academy: Pay of professors and instructors, including one professor as librarian, *$385,000.*

One swordmaster, *$1,900*—assistants: *one $1,700,* one $1,500; head master in physical training, *$2,200;* instructors in physical training—*one $2,100, two at $2,000 each,* seven at *$1,900* each; assistant librarian, *$2,500;* cataloguer, *$1,800;* shelf assistants, two at *$1,400* each; secretary of the Naval Academy, *$2,750;* clerks—two at $2,100 each; two at $1,900 each; two at *$1,800* each; *nine* at $1,600 each; four at $1,400 each; *twenty-three* at $1,300 each; *seven* at $1,200 each; *repairman or seamstress, $1,000;* surveyor, *$1,700;* services of choirmaster and organist at chapel, $1,700; captain of the watch, *$1,600;* second captain of the watch, *$1,500;* thirty watchmen, at *$1,400* each; *five* telephone switchboard operators, at *$840* each; mail messenger, *$1,200;* in all, pay of professors and others Naval Academy, *$436,350.*

Ordnance and gunnery.

DEPARTMENT OF ORDNANCE AND GUNNERY: For leading ordnancemen, ordnancemen, ordnance helpers, electricians, *and other employees, $19,806.64.*

Electrical engineering and physics.

DEPARTMENTS OF ELECTRICAL ENGINEERING AND PHYSICS: For electrical machinists, mechanics, laboratorians, *and other employees, $19,305.84.*

Seamanship.

DEPARTMENT OF SEAMANSHIP: Three coxswains, at *$1,176.88* each; three seamen, at *$1,001.60* each; two seamen, at *$826.32* each; in all, *$8,188.08.*

Marine engineering.

DEPARTMENT OF MARINE ENGINEERING AND NAVAL CONSTRUCTION: For master machinists, assistants, pattern makers, boiler makers, blacksmiths, machinists, molders, coppersmiths, who shall be considered practical instructors of midshipmen, and other employees, *$54,712.40.*

Commissary.

COMMISSARY DEPARTMENT: For chief clerk and purchasing agent, chief cook and cooks, steward and assistant stewards, stenographers, typists, head waiters and assistant head waiters, head pantrymen, chief baker and bakers, butchers, truck chauffeurs, mechanicians for repair of trucks, firemen, seamstresses, and necessary pantrymen, butcher's helpers, baker's helpers, waiters, coffeemen, dish pantrymen, utility men, linenmen, *laun-*

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drymen, scullions, and other unskilled and unclassified occupations, wages to be determined by the Superintendent of the Naval Academy, and in no case to exceed $75 per month in case of unskilled and unclassified employees, *$397,606.16: Provided*, That no employee paid under the provisions of this paragraph shall receive a salary in excess of $2,000.

Buildings and grounds.

DEPARTMENT OF BUILDINGS AND GROUNDS: One messenger to superintendent, *$1,001.60;* necessary building attendants, *$145,436.80; in all, $146,438.40.*

In all, civil establishment, *$1,082,407.52.*

Miscellaneous.

CURRENT AND MISCELLANEOUS EXPENSES, NAVAL ACADEMY: Text and reference books for use of instructors; stationery, blank books and forms, models, maps, and periodicals; apparatus and materials for instruction in physical training and athletics; expenses of lectures and entertainments not exceeding $1,000, including pay and expenses of lecturer; chemicals, philosophical apparatus and instruments, stores, machinery, tools, fittings, apparatus, and materials for instruction purposes, $110,000.

Purchase, binding, and repair of books for the library (to be purchased in the open market on the written order of the superintendent), $2,500.

For expenses of the Board of Visitors to the Naval Academy, $3,000.

For contingencies for the superintendent of the academy, to be expended in his discretion, $3,000.

For contingencies for the commandant of midshipmen, to be expended in his discretion, $1,000.

In all, current and miscellaneous expenses, $119,500.

MAINTENANCE AND REPAIRS, NAVAL ACADEMY: For general maintenance and repairs at the Naval Academy, namely: For necessary repairs of public buildings, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, and fixtures; for books, periodicals, maps, models, and drawings; purchase and repair of fire engines; fire apparatus and plants; machinery; purchase and maintenance of all horses and horse-drawn vehicles for use at the academy, including the maintenance, operation, and repair of three horse-drawn passenger-carrying vehicles to be used only for official purposes; seeds and plants; tools and repairs of the same; stationery; furniture for Government buildings and offices at the academy, *including furniture for midshipmen's rooms;* coal and other fuels; candles, oil, and gas; attendance on light and power plants; cleaning and clearing up station and care of buildings; attendance on fires, lights, fire engines, fire apparatus, and plants, and telephone, telegraph, and clock systems; incidental labor; advertising, water tax, postage, telephones, telegrams, tolls, and ferriage; flags and awnings; packing boxes; fuel for heating and lighting bandsmen's quarters; pay of inspectors and draftsmen; music and astronomical

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instruments; and for pay of employees on leave, *$1,205,000.*

Rent of buildings for the use of the academy, and commutation of rent for bandsmen, at $15 per month each, $13,500.

In all, maintenance and repairs, *$1,218,500.*

Total.

In all, Naval Academy, exclusive of public works, *$2,420,407.52.*

Marine Corps.

MARINE CORPS.

Pay.

PAY, MARINE CORPS: Pay of officers, active and reserve list: For pay and allowances prescribed by law for all officers on the active and reserve list, *$3,705,952.*

For pay of officers prescribed by law, on the retired list: For two major generals, *four* brigadier generals, *eight* colonels, *five* lieutenant colonels, *twenty-three* majors, *thirty-nine* captains, *sixteen* first lieutenants, *seven* second lieutenants, *two marine gunners, one quartermaster clerk, two pay clerks,* and for officers who may be placed thereon during the year, including such increased pay as is now or may hereafter be provided for retired officers regularly assigned to active duty, *$278,740.*

Pay of enlisted men, active and reserve list: Pay and allowances of noncommissioned officers, musicians, and privates, as prescribed by law, and for the expenses of clerks of the United States Marine Corps traveling under orders, and including additional compensation for enlisted men of the Marine Corps qualified as expert riflemen, sharpshooters, marksmen, or regularly detailed as gun captains, gun pointers, mess sergeants, cooks, messmen, signalmen, or holding good-conduct medals, pins, or bars, including interest on deposits by enlisted men, post-exchange debts of deserters, under such rules as the Secretary of the Navy may prescribe, and the authorized travel allowance of discharged enlisted men, and for prizes for excellence in gunnery exercise and target practice, and for pay of enlisted men designated as Navy mail clerks and assistant Navy mail clerks, both afloat and ashore, *$10,308,331.20.*

Enlisted strength.

The authorized enlisted strength of the active list of the Marine Corps is hereby permanently established at twenty-seven thousand four hundred, distribution in the various grades to be made in the same proportion as provided under existing law: Provided, That all officers serving temporarily in the grades of captain and below upon the date of the passage of this Act shall be eligible to fill existing vacancies and those hereby created in the permanent authorized strength in said grades by transfer to or reappointment in the permanent Marine Corps in the grades not above that of captain. Transfers so made shall be without regard to age, and if found not qualified for transfer to the same grade as that held by them on the date of transfer then to lower grades after qualification. All officers so transferred shall establish to the satisfaction of the Secretary of the Navy, under such rules as he may prescribe, their mental, moral, professional, and

Transfers.

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physical qualifications to perform the duties of the grade to which transferred or reappointed and shall take precedence with each other and with other officers of the Marine Corps in such order as may be recommended by a board of marine officers and approved by the Secretary of the Navy: Provided, That all persons who served honorably as officers in the Marine Corps or Marine Corps Reserve on active duty at any time between April 6, 1917, and the date of the passage of this Act and who have been honorably discharged or assigned to inactive duty shall be eligible for permanent appointment in the same or a lower rank than that held on discharge or assignment to inactive duty, but not above the rank of captain, to fill vacancies existing or hereby created in the permanent authorized strength of the Marine Corps under the same conditions as those above prescribed for officers now in the service: Provided further, That officers now holding temporary commissions in the Marine Corps and who have had more than ten years' service therein, if not found qualified for permanent commissions, and who are recommended by the board herein provided for, may be appointed warrant officers in the Marine Corps; and the authorized number of warrant officers is hereby increased by a number not to exceed fifty to provide for the appointment of the aforesaid officers: Provided further, That all transfers and appointments made in accordance with the provisions of this section shall be accomplished by June 30, 1921: Provided further, That the officers now holding temporary appointments as commissioned officers in the Marine Corps may retain their temporary commissions until the permanent appointments provided for in the foregoing section shall have been made.

For pay and allowances prescribed by law of enlisted men on the retired list: For *twelve* sergeants major, one drum major, *twenty-nine* gunnery sergeants, *thirty-one* quartermaster sergeants, *forty-eight* first sergeants, *fifty-seven* sergeants, *ten* corporals, *four* principal musicians, sixteen first-class musicians, one second-class musician, one drummer, and ten privates, and for those who may be retired during the fiscal year, *$168,045.*

Undrawn clothing: For payment to discharged enlisted men for clothing undrawn, *$50,000.*

Mileage: For mileage to officers traveling under orders without troops, *$162,500.*

For commutation of quarters of officers on duty without troops where there are no public quarters, *$212,500.*

PAY OF CIVIL FORCE: In the office of the major general commandant: Temporary special assistant to the major general commandant, $2,750; one chief clerk, at $2,250; one clerk, at $1,800; one messenger, at $971.28.

In the office of the paymaster: One chief clerk, at $2,250; one clerk, at $1,500.

In the office of the adjutant and inspector: One chief clerk, at $2,250; one clerk, at $1,800; clerk, at 1,600; one clerk, at $1,500; one clerk, at $1,400; one clerk, at $1,200.

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In the office of the quartermaster: Temporary special assistant to the quartermaster, $2,750; one chief clerk, at $2,250; two clerks, at $1,800 each; one clerk, at $1,500; two clerks, at $1,400 each; two clerks, at $1,200 each; technical engineer, $2,300; one draftsman, at $2,000.

In the office of the assistant quartermaster, San Francisco, California: One chief clerk, at *$2,500.*

In the office of the assistant quartermaster, Philadelphia, Pennsylvania: One chief clerk, at *$2,500;* one messenger, at $840.

For temporary employees in offices at Marine Corps Headquarters and at Marine Corps posts, $100,000: Provided, That no person shall be employed hereunder at a rate of compensation in excess of $2,000 per annum.

In all, for pay of civil force, *$146,711.28,* and the money herein specifically appropriated for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law as pay of the Marine Corps, and for that purpose shall constitute one fund.

In all, pay, Marine Corps, *$15,032,779.48.*

MAINTENANCE, QUARTERMASTER'S DEPARTMENT, MARINE CORPS.

Provisions. PROVISIONS, MARINE CORPS: For enlisted men serving ashore; subsistance and lodging of enlisted men when traveling on duty, or cash in lieu thereof; commutation of rations to enlisted men regularly detailed as clerks and messengers; payments of board and lodging of applicants for enlistment while held under observation, recruits, recruiting parties, and enlisted men where it is impracticable to otherwise furnish subsistence, or in lieu of board, commutation of rations to recruiting parties, and enlisted men traveling on special duty, at such rate as the Secretary of the Navy may prescribe; ice machines and their maintenance where required for the health and comfort of the troops and for cold storage; ice for offices and preservation of rations, *$4,244,498.*

Clothing. CLOTHING, MARINE CORPS: For enlisted men authorized by law, *$1,856,690.*

Fuel. FUEL, MARINE CORPS: For heat, light, and commutation thereof for the authorized allowance of quarters for officers and enlisted men, and other buildings and grounds pertaining to the Marine Corps and for buildings erected by authority of the Secretary of the Navy on Marine Corps reservations by welfare organizations at private cost; fuel, electricity, and oil for cooking, power, and other purposes; and sales to officers, *$450,000.*

Military stores. MILITARY STORES, MARINE CORPS: Pay of chief armorer, at $4 per diem; purchase and repair of military equipments, such as rifles, revolvers, cartridge boxes, bayonet scabbards, haversacks, blanket bags, canteens, rifle slings, swords, drums, trumpets, flags, waistbelts, waist plates, cartridge belts, spare parts for repairing

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rifles, machetes; tents, field cots, field ovens, and stoves for tents, instruments for bands; purchase of music and musical accessories, articles of field sports for enlisted men, signal equipment and stores; purchase and marking of prizes for excellence in gunnery and rifle practice; good-conduct badges; medals and buttons awarded to officers and enlisted men by the Government for conspicuous, gallant, and special service; incidental expenses of schools of application; construction, equipment, and maintenance of school, library, and amusement rooms and gymnasiums for enlisted men, establishment, rental, and maintenance of camps of instruction, target ranges, and entrance fees in competitions; procuring, preserving, and handling ammunition and other necessary military supplies; in all, *$1,000,000.*

Transportation and recruiting.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, and of applicants for enlistment between recruiting stations and recruiting depots or posts, including ferriage and transfers en route, or cash in lieu thereof; toilet kits for issue to recruits upon their first enlistment and the expense of the recruiting service, *$800,000.*

Repairs of barracks.

REPAIRS OF BARRACKS, MARINE CORPS: Repairs and improvements to barracks, quarters, and other public buildings at posts and stations; for the renting, leasing, and improvement of buildings in the District of Columbia, with the approval of the Public Buildings Commission, and at such other places as the public exigencies require and the erection of temporary buildings upon the approval of the Secretary of the Navy; such temporary buildings as may be erected in pursuance hereof at a total cost not to exceed $10,000 during the year, *$250,000.*

Forage.

FORAGE, MARINE CORPS: For forage in kind and stabling for public animals of the Quartermaster's Department and the authorized number of officers' horses, *$100,000.*

Quarters.

COMMUTATION OF QUARTERS, MARINE CORPS: Commutation of quarters for enlisted men on recruiting duty, for officers and enlisted men serving with troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them, for enlisted men employed as clerks and messengers in the offices of the commandant, adjutant and inspector, paymaster, and quartermaster, and the offices of the assistant adjutant and inspectors, assistant paymasters, assistant quartermasters, at $21 each per month, and for enlisted men employed as messengers in said offices, at $10 each per month, *$250,000.*

Contingent.

CONTINGENT, MARINE CORPS: For freight, expressage, tolls, cartage, advertising, *washing and cleaning bed linen, towels, and articles of regulation clothing in use by enlisted men,* funeral expenses of officers and enlisted men, and retired officers on active duty during the war and retired

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enlisted men of the Marine Corps, including the transportation of bodies and their arms and wearing apparel from the place of demise to the homes of the deceased in the United States; stationery and other paper, printing and binding; telegraphing, rent of telephones; purchase, repair, and exchange of typewriters; apprehension of stragglers and deserters; per diem of enlisted men employed on constant labor for periods of not less than ten days; employment of civilian labor *and draftsmen;* purchase, repair, and installation and maintenance of gas, electric, sewer, and water pipes and fixtures; office and barracks furniture, vacuum cleaners, camp and garrison equipage and implements; mess utensils for enlisted men *and for properly constituted officers' messes;* packing boxes, wrapping paper, oilcloth, crash, rope, twine, quarantine fees, camphor and carbonized paper, carpenters' tools, tools for police purposes, safes, purchase, hire, repair, and maintenance of such harness, wagons, motor wagons, armored automobiles, carts, drays, motor-propelled and horse-drawn passenger-carrying vehicles, to be used only for such official purposes, and other vehicles as are required for the transportation of troops and supplies and for official military and garrison purposes; purchase of public horses and mules; services of veterinary surgeons, and medicines for public animals, and the authorized number of officers' horses; purchase of mounts and horse equipment for all officers below the grade of major required to be mounted; shoeing for public animals and the authorized number of officers' horses; purchase and repair of hose, fire extinguishers, hand grenades, carts, wheelbarrows, and lawn mowers; purchase, installation, and repair of cooking and heating stoves and furnaces, purchase of towels, soap, combs, and brushes for offices; postage stamps for foreign and registered postage; books, newspapers and periodicals; improving parade ground; repairs of pumps and wharves, water; straw for bedding, mattresses; mattress covers, pillows, sheets, furniture for Government quarters and repair of same; packing and crating officers' allowance of baggage on change of station; deodorizing, lubricants, disinfectants; for the construction, operation, and maintenance of laundries; and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify, $2,740,322: *Provided, That not to exceed $318,000 of the unexpended balance on June 30, 1920, of the appropriation "Maintenance, Quartermaster's Department, Marine Corps, contained in the Naval Appropriation Act for 1920, approved July 11, 1919, is reappropriated and made immediately available until used, for replacing the present wooden stave water pipe with cast-iron pipe at the marine barracks, Quantico, Virginia.*

In all, for the maintenance of Quartermaster's Department, Marine Corps, *$11,691,510;* and the money herein specifically appropriated for the maintenance of the

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Quartermaster's Department, Marine Corps, shall be disbused and accounted for in accordance with the existing law as maintenance, Quartermaster's Department, Marine Corps, and for that purpose shall constitute one fund.

Total.

Total, Marine Corps, exclusive of public works, *$26,724,289.48.*

INCREASE OF THE NAVY.

Increase of Navy.

INCREASE OF THE NAVY, CONSTRUCTION AND MACHINERY: On account of hulls and outfits of vessels and machinery of vessels heretofore authorized, to be available until expended, *$48,000,000.*

Construction and machinery.

INCREASE OF THE NAVY, TORPEDO BOATS: On account of submarine torpedo boats heretofore authorized, to be available until expended *$11,000,000.*

Torpedo boats.

INCREASE OF THE NAVY, ARMOR AND ARMAMENT: Toward the armor and armament for vessels heretofore authorized, to be available until expended, *$45,000,000.*

Armor and armament.

Total increase of the Navy heretofore authorized, *$104,000,000.*

Total.

The limits of cost of the vessels heretofore authorized and herein below enumerated are increased as follows:

Limits of cost increased.

Battleships numbered 43 and 44 from $11,250,000 to $12,750,000.

Battleships Nos. 43 and 44.

Hospital ship No. 1, from $3,250,000 to $4,355,000.

Hospital Ship No. 1.

Ammunition ship numbered 1 from $3,250,000 to $3,550,000.

Ammunition ship No. 1.

Gunboat numbered 21 from $1,100,000 to $1,250,000.

Gunboat No. 21.

Submarine (S) numbered 1 from $1,500,000 to $1,750,000.

Submarine (S) No. 1.

Submarines (R) numbered 21, 22, 23, 24, 25, 26, and 27, from $875,000 to $975,000.

Submarines (R) Nos. 21, 22, 23, 24, 25, 26, and 27.

That no part of any sum appropriated by this Act shall be used for any expense of the Navy Department at Washington, District of Columbia, unless specific authority is given by law for such expenditure.

That no part of the appropriations made in this Act shall be available for the salary or pay of any officer, manager, superintendent, foreman, or other person having charge of the work of any employee of the United States Government while making or causing to be made with a stop watch or other time-measuring device a time study of any job of any such employee between the starting and completion thereof, or of the movements of any such employee while engaged upon such work; nor shall any part of the appropriations made in this Act be available to pay any premiums or bonus or cash reward to any employee in addition to his regular wages, except for suggestions resulting in improvments or economy in the operation of any Government plant and that no part of the moneys appropriated in each or any section of this Act shall be used or expended for the purchase or acquirements of any articles that, at the time of the proposed acquirement, can be manufactured

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or produced in each or any of the Government navy yards of the United States, when time and facilities permit, for a sum less than it can be purchased or acquired otherwise.

N. R. F., active duty.

Sec. 2. That the Secretary of the Navy is hereby authorized to employ on active duty, with their own consent, members of the Naval Reserve Force in enlisted ratings, the number so employed not to exceed during any fiscal year the average of twenty thousand men: Provided, That the number of naval reservists, so employed on active duty, together with the total number of enlisted men in the Regular Navy, shall not exceed the total enlisted strength of the Navy as authorized by law: Provided further, That such members of the Naval Reserve Force so employed shall serve on active duty for not less than twelve nor nore than eighteen months unless sooner released: Provided further, That hereafter no person shall be enrolled in the Naval Reserve Force except for general service: And provided further, That the number of commissioned officers of the line, permanent, temporary, and reserve on active duty shall not exceed 4 per centum of the total authorized enlisted strength of the Regular Navy, and the number of staff officers on active duty of whatever kind shall be in the same proportions as authorized by existing law: Provided further, That five hundred reserve officers are also authorized to be employed in the aviation and auxiliary service: And provided further, That, until December 31, 1921, temporary appointments now existing may be continued in force in any grade or rank, not to exceed the number allowed in any grade or rank based upon the total permanent authorized commissioned strength of the line or of any staff corps; and, within the limitations herein prescribed, officers of the Naval Reserve Force may, with their own consent, be continued on active duty ashore or afloat, including three on shore duty in the Historical Section of the Office of Naval Intelligence, who may be retained on active duty beyond the age of disenrollment but not beyond June 30, 1922: And provided further, That nothing herein shall be construed as reducing the permanent commissioned or enlisted strength of the Regular Navy as authorized by existing law.

Number of officers on active duty.

Reserve officers aviation duty.

Temporary appointments, termination of.

N. R. F. and temporary officers, retirement.

That all officers of the Naval Reserve Force and temporary officers of the Navy who have heretofore incurred or may hereafter incur physical disability in line of duty shall be eligible for retirement under the same conditions as now provided by law for officers of the Regular Navy who have incurred physical disability in line of duty.

N. R. F. and temporary officers transfer to Regular Navy.

Sec. 3. That officers holding temporary commissioned and warrant ranks in the Navy and members of the Naval Reserve Force of commissioned and warrant ranks shall be eligible for transfer to an appointment in the permanent grades or ranks in the Navy for which they may be found qualified not above that held by them on the date of transfer, but not to exceed a total of one thousand two hundred commissioned officers in the line, of which number five hundred

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may be appointed from class five, Naval Reserve Flying Corps, with proportionate number in all Staff Corps as now authorized by law, except that the Medical, Dental, and Supply Corps shall be entitled to such additional numbers as are necessary to make up the full quota of officers in those corps, as now authorized by law: Provided, That officers so appointed to the line of the Navy shall take rank in accordance with their precedence while holding temporary rank, and members of the Naval Reserve Force of commissioned and warrant ranks found qualified for a given rank shall be arranged according to their precedence among themselves and commissioned in the permanent service next after the lowest temporary officer who qualifies for the same rank and is appointed in accordance with the provisions of this Act.

Coast Guard.

Provided further, That included in the number of transfers and appointments hereinbefore allowed, commissioned officers of the Coast Guard, who have served creditably under the Navy Department in the War with the German Government, upon suitable application approved by the Secretary of the Navy and the Secretary of the Treasury, may be appointed to a permanent rank or grade in the Navy for which found qualified by a board of naval officers under the provisions of existing law, but not above the rank of lieutenant commander, and shall take such precedence therein as the Secretary of the Navy may determine: Provided further, That for the purposes of computing longevity pay and retirement privileges of officers and enlisted men of the Navy, all creditable service in the Coast Guard and former Revenue-Cutter Service shall be counted.

Warrant officers, appointment to permanent rank.

Sec. 4. That in addition to the number of transfers and appointments hereinbefore allowed, commissioned warrant officers of more than fifteen years' service since date of warrant or date of first appointment as paymaster's clerk, pharmacist or mate, who have creditably served in the War with the German Government in temporary commissioned ranks or grades in the Regular Navy, shall be appointed to a permanent rank or grade for which they may be qualified as established and shown by their records of service during their term of service not above the temporary rank or grade held by them at the time of transfer: Provided, That officers so transferred to the line of the Navy shall take rank therein in accordance with their precedence while holding temporary rank: Provided further, That all officers so transferred in accordance with sections 3 and 4 of this Act to the staff corps of the Navy shall take precedence with each other and with other officers in the Navy in such order as may be recommended by a board of naval officers and approved by the Secretary of the Navy: Provided further, That no transfers or appointments made in accordance with sections 3 and 4 of this Act shall be to a higher grade or rank than lieutenant in the Navy: And provided further, That officers appointed to the permanent Navy in accordance with the foregoing sections who now hold permanent warrant or permanent

Precedence.

Rank of lieutenant.

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Reversion to permanent rank.

commissioned warrant rank in the United States Navy shall, if they thereafter fail professionally on examination for promotion, revert to such permanent warrant or permanent commissioned warrant status.

Age upon appointment.

SEC. 5. That officers appointed under any of the foregoing provisions shall be not more than thirty-five years of age when so appointed to the line of the Navy, Construction Corps, or Supply Corps, and not more than forty-three years of age when so appointed to the Corps of Chaplains, or to the Medical, Dental, or Civil Engineering Corps: Provided, That said age limits shall be increased in the cases of officers who have rendered prior service as paymaster's clerks, or as mates, or as warrant or commissioned officers in the naval service to the extent of all prior naval service: Provided further, That officers originally appointed to the Dental Corps above the said age limits shall be eligible for appointment and promotion under this Act irrespective of

Promotion.

age: And provided further, That officers of the line of the Navy who are appointed thereto pursuant to this Act from sources other than the Naval Academy shall not be ineligible for promotion by reason of age as prescribed by the Act of August 29, 1916 (Thirty-ninth Statutes, page 579), until they have rendered ten years' service in the grade of lieutenant commander, six years' service in the grade of commander, or eight years' service in the grade of captain, respectively, upon the completion of which service such officers, if then ineligible for promotion by reason of age, shall be retired in accordance with said Act: And provided further,

Promotion without regard to statutory requirements.

That until June 30, 1923, promotions to lieutenant (junior grade) and lieutenant may be made without regard to length of service: And provided further, That until June 30, 1923, officers of the permanent Navy who have served satisfactorily during the war with the German Government in a temporary grade or rank shall be eligible under the provisions of existing law for selection for promotion or for promotion to the same permanent grade or rank without regard to statutory requirements other than age and professional and physical examination: And provided further, That in making reductions in rank as may be required by this Act, officers holding temporary appointments may be given temporary appointments in lower grades, and officers so appointed shall take precedence from the dates of their original appointments in such lower grades.

$60 bonus.

SEC. 6. That in case any enlisted man or enrolled man who, since the 11th day of November, 1918, has been or hereafter shall be discharged from any branch or class of the naval service for the purpose of reenlisting in the Navy or Marine Corps or heretofore has extended or hereafter shall extend his enlistment therein, he shall be entitled to the payment of the $60 bonus provided in section 1406 of the Act entitled "An Act to provide revenue, and for other purposes," approved February 24, 1919, and to travel pay as authorized in section 3 of the Act entitled "An Act permitting any person who has served in the United States

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Army, Navy, or Marine Corps in the present war to retain his uniform and personal equipment and to wear the same under certain conditions," approved February 28, 1919: Provided, That only one bonus shall be paid to the same person.

Period of enlistments, 2, 3, or 4 years.

SEC. 7. That hereafter enlistments in the Navy and in the Marine Corps may be for terms of two, three, or four years, and all laws now applicable to four-year enlistments shall apply under such regulations as may be prescribed by the Secretary of the Navy, to enlistments for a shorter period with proportionate benefits upon discharge and reenlistment: Provided, That hereafter the Secretary of the Navy is authorized, in his discretion, to establish such grades and ratings as may be necessary for the proper administration of the enlisted personnel of the Navy and Marine Corps.

Uniform, wearing of.

SEC. 8. That section 125 of the Act entitled "An Act for making further and more effectual provisions for the national defense, and for other purposes," approved June 3, 1916, shall hereafter be in full force and effect as originally enacted, notwithstanding anything contained in the Act entitled "An Act permittimg any person who has served in the United States Army, Navy, or Marine Corps in the present war to retain his uniform and personal equipment and to wear the same under certain conditions," approved February 28, 1918: Provided, That the words "or the Secretary of the Navy" shall be inserted immediately after the words "the Secretary of War" wherever those words appear in section 125 of the Act approved June 3, 1916, hereinbefore referred to.

N. A. F., retainer pay.

SEC. 9. That hereafter the Secretary of the Navy may, in his discretion, withhold any part or all of the retainer pay which may be due a member of the Naval Reserve Force where such members fail to perform such duty as may be prescribed by law for the maintenance of the efficiency of the Naval Reserve Force: Provided, That any money so withheld shall be credited to the appropriation for organizing and administering the Naval Reserve Force to be used for any purpose that the Secretary of the Navy may consider proper to increase the efficiency of the Naval Reserve Force: Provided further, That hereafter the minimum amount of active service required for the maintenance of the efficiency of the Fleet Naval Reserve shall be the same as for the Naval Reserve.

Age limits for promotion.

SEC. 10. That the age limits for promotion by selection, which, under existing law, will become effective on June 30, 1920, are hereby deferred until June 30, 1921, in the cases only of those officers who may request such deferment.

Approved, June 4, 1920.

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[PUBLIC—No. 35—67TH CONGRESS.]

[H. R. 4803.]

AN ACT Making appropriations for the naval service for the fiscal year ending June 30, 1922, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums are appropriated, out of any money in the Treasury not otherwise appropriated, for the naval service of the Government for the year ending *June 30, 1922,* and for other purposes:

GENERAL EXPENSES.

The Secretary of the Navy shall send to Congress at the beginning of its next regular session a complete schedule or list showing the amount of money of all pay and for all allowances for each grade of officers in the Navy, including retired officers, and for all officers included in this Act and for all enlisted men so included.

Pay, miscellaneous.

PAY, MISCELLANEOUS.

For commissions and interest; transportation of funds; exchange; mileage to officers of the Navy and Naval Reserve Force while traveling under orders in the United States, and for actual personal expenses of officers of the Navy and Naval Reserve Force while traveling abroad under orders, and for traveling expenses of civilian employees; and for mileage, at 5 cents per mile, to midshipmen entering the Naval Academy while proceeding from their homes to the Naval Academy for examination and appointment as midshipmen; for actual traveling expenses of female nurses; actual expenses of officers while on shore patrol duty; hire of launches or other small boats in Asiatic waters; for rent of buildings and offices not in navy yards; expenses of courts-martial, prisoners and prisons, and courts of inquiry, boards of inspection, examining boards, with clerks, and witnesses' fees, and traveling expenses and costs; expenses of naval defense districts; stationery and recording; religious books; newspapers and periodicals for the naval service; all advertising for the Navy Department and its bureaus (except advertising for recruits for the Bureau of Navigation); copying; ferriage; tolls; costs

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of suits; commissions, warrants, diplomas, and discharges; relief of vessels in distress; recovery of valuables from shipwrecks; quarantine expenses; reports; professional investigation; cost of special instruction at home and abroad, including maintenance of students and attachés; information from abroad and at home, and the collection and classification thereof; all charges pertaining to the Navy Department and its bureaus for ice for the cooling of drinking water on shore (except at naval hospitals), *and not to exceed $250,000* for telephone rentals and tolls, telegrams and cablegrams; postage, foreign and domestic, and post-office box rentals; and other necessary and incidental expenses: *Provided, That no part of this appropriation shall be available for the expense of any naval district unless the commandant thereof shall be also the commandant of a navy yard, naval training station, or naval operating base: Provided further,* That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for clerical, inspection, and messenger service in navy yards and naval stations, for the fiscal year ending *June 30, 1922*, shall not exceed *$750,000*, and for necessary expenses for the interned persons and prisoners of war under the jurisdiction of the Navy Department, including funeral expenses for such interned persons or prisoners of war as may die while under such jurisdiction, and for payment of claims for damages under Naval Act approved July 11, 1919; in all, *$3,500,000*.

Naval districts.

CONTINGENT, NAVY: For all emergencies and extraordinary expenses, exclusive of personal services in the Navy Department or any of its subordinate bureaus or offices at Washington, District of Columbia, arising at home or abroad, but impossible to be anticipated or classified, to be expended on the approval and authority of the Secretary of the Navy, and for such purposes as he may deem proper, *$50,000*.

Contingent.

TEMPORARY GOVERNMENT FOR WEST INDIAN ISLANDS: For expenses incident to the occupation of the Virgin Islands and to the execution of the provisions of the Act providing a temporary government for the West Indian Islands acquired by the United States from Denmark, and for other purposes, approved March 3, 1917, to be applied under the direction of the President, $343,440: *Provided, That no person owing allegiance to any country other than the United States of America shall be eligible to hold office as a member of the colonial councils of the Virgin Islands of the United States nor to hold any public office under the government of said islands: Provided further, That the income tax laws now in force in the United States of America and those which may hereafter be enacted shall be held to be likewise in force in the Virgin Islands of the United States, except that the proceeds of such taxes shall be paid into the treasuries of said islands.*

Government, West Indian Islands.

Member of councils.

Income tax laws.

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Consulting board.

EXPENSES, CIVILIAN NAVAL CONSULTING BOARD: For actual expenses incurred by and in connection with the civilian naval consulting board, including the services of one clerk, at $1,400 per annum, for duty in connection with the board at Washington, District of Columbia, *$5,000.*

Aviation.

AVIATION, NAVY: For aviation, to be expended under the direction of the Secretary of the Navy, *as follows: For aircraft and accessories in course of construction or manufacture on June 30, 1921, $440,000; for new construction and procurement of aircraft and equipment, $5,323,000; for navigational, photographic, and aerological equipment, including repairs thereto, for use with aircraft built or building on June 30, 1921, $49,250; for maintenance, repair, and operation of aircraft factory, helium plant, air stations, fleet activities, testing laboratories, and for overhauling of planes, $4,534,181; for continuing experiments and development work on all types of aircraft, $1,615,000; for drafting, clerical, inspection, and messenger service for aircraft stations, $275,000; new construction, buildings, and improvements at air stations at a total cost not to exceed $1,177,000, as follows: Coco Solo, $392,000; Hampton Roads, $70,000; Lakehurst, $280,000; Pearl Harbor, $185,000; Pensacola, $100,000; San Diego, $150,000; in all, $13,413,431, and* the money herein specifically appropriated for "Aviation" shall be disbursed and accounted for in accordance with existing laws as "Aviation" and for that purpose shall constitute one fund: *Provided further,* That the Secretary of the Navy is hereby authorized to consider, ascertain, adjust, determine, and pay out of this

Claims.

appropriation the amounts due on claims for damages which have occurred or may occur to private property growing out of the operations of naval aircraft, where such claim does not exceed the sum of *$250: Provided further,* That all claims adjusted under this authority during any fiscal year shall be reported in detail to the Congress by the Secretary of the Navy: *Provided,* That no part of this appropriation shall be expended for maintenance of more than six heavier-than-air stations on the coasts of the continental United States: *Provided further,* That no part of this apprporiation shall be used for the construction of a factory for the manufacture of airplanes.

Marine schools, Pennsylvania.

STATE MARINE SCHOOLS: To reimburse the State of New York, $25,000, the State of Massachusetts, $25,000, the State of Washington, $25,000, *and the State of Pennsylvania, for the period from April 1, 1920, to June 30, 1921, $31,250,* for expenses incurred in the maintenance and support of marine schools in those States in accorddance with section 2 of the Act entitled "An Act for the establishment of marine schools, and for other purposes," approved March 4, 1911; in all, *$106,250.*

Lepers, Guam.

CARE OF LEPERS, ETC., ISLAND OF GUAM: Naval station, island of Guam: Maintenance and care of lepers, special

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patients, and for other purposes, including cost of transfer of lepers from Guam to the island of Culion, in the Philippines, and their maintenance, $20,000.

BUREAU OF NAVIGATION.

Navigation.

Transportation and recruiting: For travel allowance of enlisted men discharged on account of expiration of enlistment; transportation of enlisted men and apprentice seamen and applicants for enlistment at home and abroad, with subsistence and transfers en route, or cash in lieu thereof; transportation to their homes, if residents of the United States, of enlisted men and apprentice seamen discharged on medical survey, with subsistence and transfers en route, or cash in lieu thereof; transportation of sick or insane enlisted men and apprentice seamen to hospitals, with subsistence and transfers en route, or cash in lieu thereof; transportation of enlisted men of the Naval Reserve Force to and from duty, with subsistence and transfers en route, or cash in lieu thereof; transportation of civilian officers and crews of naval auxiliaries; apprehension and delivery of deserters and stragglers, and for railway guides and other expenses incident to transportation; expenses of recruiting for the naval service; rent of rendezvous and expenses of maintaining the same; advertising for and obtaining men and apprentice seamen; actual and necessary expenses in lieu of mileage to officers on duty with traveling recruiting parties; transportation of dependents of enlisted men, $3,500,000. Transportation and recruiting.

The Bureau of Navigation, Navy Department, is hereby directed to furnish to the proper officers in the several States, Territories, insular possessions, and the District of Columbia, on or before *October 31, 1921*, statements of the services of all persons from those several places who served in the Navy during the War with Germany, and for that purpose *exclusively an additional* sum not to exceed *$25,000* is hereby appropriated for obtaining the necessary material and the employment of the necessary clerical force. Service records to States.

RECREATION FOR ENLISTED MEN: For the recreation, amusement, comfort, contentment, and health of the Navy, to be expended in the discretion of the Secretary of the Navy, under such regulations as he may prescribe: *Provided*, That not more than two persons shall be employed hereunder at a rate of compensation exceeding $1,800 per annum, $800,000. Recreation.

Contingent: Ferriage, continuous-service certificates, discharges, good-conduct badges, and medals for men and boys; purchase of gymnastic apparatus; transportation of effects of deceased officers and enlisted men of the Navy, and of officers and enrolled men of the Naval Reserve Force who die while on duty; books for training apprentice seamen and landsmen; packing boxes and materials; books and models; stationery; and other contingent ex- Contingent expenses.

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penses and emergencies arising under cognizance of the Bureau of Navigation, unforeseen and impossible to classify, $20,000.

Gunnery, engineering exercises.

GUNNERY AND ENGINEERING EXERCISES: Prizes, trophies, and badges for excellence in gunnery, target practice, engineering exercises, and for economy in fuel consumption, to be awarded under such rules as the Secretary of the Navy may formulate; for the purpose of printing, recording, classifying, compiling, and publishing the rules and results; for the establishment and maintenance of shooting galleries, target houses, targets, and ranges; for hiring established ranges, and for transporting equipment to and from ranges, $100,000.

Instruments and supplies.

INSTRUMENTS AND SUPPLIES: Supplies for seamen's quarters; and for the purchase of all other articles of equipage at home and abroad; and for the payment of labor in equipping vessels therewith and manufacture of such articles in the several navy yards; all pilotage and towage of ships of war; canal tolls, wharfage, dock and port charges, and other necessary incidental expenses of a similar nature; services and materials in repairing, correcting, adjusting, and testing compasses on shore and on board ship; nautical and astronomical instruments and repairs to same; libraries for ships of war, professional books, schoolbooks, and papers; maintenance of gunnery and other training classes; compasses, compass fittings, including binnacles, tripods, and other appendages of ship's compasses; logs and other appliances for measuring the ship's way, and leads and other appliances for sounding; photographs, photographic instruments and materials, printing outfit and materials; and for the necessary civilian electricians for gyrocompass testing and inspection, *$750,000.*

Surveys.

OCEAN AND LAKE SURVEYS: Hydrographic surveys, including the pay of the necessary hydrographic surveyors, cartographic draftsmen, and recorders, and for the purchase and printing of nautical books, charts, and sailing directions, $105,000.

Naval training station, California.

NAVAL TRAINING STATION, CALIFORNIA: Maintenance of naval training station, Yerba Buena Island, California: Labor and material; buildings and wharves; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, tools, and repairs to same; fire engines and extinguishers; gymnastic implements; models and other articles needed in instruction of apprentice seamen; printing outfit and materials, and maintenance of same; heating and lighting; stationery, books, schoolbooks, and periodicals; fresh water, and washing; packing boxes and materials; and all other contingent expenses; maintenance of dipensary building; lectures and suitable entertainments for apprentice seamen; in all, $125,000.

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NAVAL TRAINING STATION, RHODE ISLAND: Maintenance of naval training station, Rhode Island, labor and material, buildings and wharves; dredging channels; extending sea walls; repairs to causeway and sea wall; general care, repairs, and improvements of grounds, buildings, and wharves; wharfage, ferriage, and street car fare; purchase and maintenance of live stock, and attendence on same; wagons, carts, implements, and tools, repairs to same, including the maintenance, repairs, and operation of two horse-drawn passenger-carrying vehicles to be used only for official purposes; fire engines and extinguishers; gymnastic implements; models and other articles needed in instruction of apprentice seamen; printing outfit and materials, and maintenance of same; heating and lighting; stationery, books, schoolbooks, and periodicals; fresh water, and washing; packing boxes and materials; and all other contingent expenses; lectures and suitable entertainments for apprentice seamen; in all, *$185,000: Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, drafting, inspection, and messenger service for the fiscal year ending June 30, *1922*, shall not exceed $15,701.60. Naval training station, Rhode Island.

NAVAL TRAINING STATION, GREAT LAKES: Maintenance of naval training station: Labor and material; general care, repairs, and improvements of grounds, buildings, and piers; street car fare; purchase and maintenance of live stock, and attendance on same; wagons, carts, implements, and tools, and repairs to same, including the maintenance, repair, and operation of one horse-drawn passenger-carrying vehicle to be used only for official purposes; fire apparatus and extinguishers; gymnastic implements; models and other articles needed in instruction of apprentice seamen; printing outfit and material, and maintenance of same; heating and lighting, and repairs to power-plant equipment, distributing mains, tunnel, and conduits; stationery, books, schoolbooks, and periodicals; washing; packing boxes and materials; lectures and suitable entertainments for apprentice seamen; and all other contingent expenses: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, drafting, inspection, and messenger service for the fiscal year ending June 30, *1922*, shall not exceed $45,000; in all, naval training station, Great Lakes, *$400,000*. Naval training station, Great Lakes.

To make just compensation for land, title to which was taken over under proclamation of the President, dated November 4, 1918, as an addition to the naval training station, Great Lakes, Illinois, and for damages occasioned by delay in the payment for such land, or for the use and occupancy thereof by the United States, $546,805, or so much thereof as may be necessary: Provided, That the Secretary of the Navy is authorized, in his discretion, to dispose of, at public or private sale, at a price to be approved by him, Compensation for and disposition of lands. Great Lakes, Yorktown, Va., East Camp, Hampton Roads, Va.

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any land in the vicinity of the Navy Mine Depot, Yorktown, Virginia, and the naval training station, Great Lakes, Illinois, and East Camp, Hampton Roads, Virginia, or interest therein, title to, or interest in which has been acquired by the United States subsequent to April 6, 1917, also any improvements that have been placed thereon by the United States that are deemed by him to be no longer needed for naval purposes: Provided further, That in cases where compensation has not as yet been made by the United States in accordance with the provisions of law, then, and in that event, the Secretary of the Navy is hereby authorized to restore such lands to former owners, and is further authorized to ascertain, determine, adjust, and pay the just compensation that such former owners are entitled to receive for the use and occupancy of such lands by the United States, such compensation to be paid from appropriations made for payments for such lands: Provided further, That the Secretary of the Navy, in determining the compensation for the use and occupancy of such lands, is authorized, in his discretion, to sell and convey, under such terms and conditions as he may deem appropriate, to the parties entitled to receive the land such improvements or any part thereof as may have been placed in or on said lands by the United States: Provided further, That the Secretary of the Navy be, and he is hereby, authorized to execute all necessary instruments to accomplish the purposes of aforesaid, and all moneys received from the disposition of such lands shall be covered into the Treasury as "miscellaneous receipts." Report shall be made to the Congress of the final disposition of the lands aforesaid.

Hampton Roads, Va.

NAVAL TRAINING STATION, NAVAL OPERATING BASE, HAMPTON ROADS, VIRGINIA: Maintenance of naval training station at naval operating base, Virginia: Labor and material, general care, repairs, and improvements; schoolbooks; and all other incidental expenses: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, drafting, inspection, and messenger service for the fiscal year ending June 30, *1922*, shall not exceed $25,000; in all, $375,000.

Naval Reserve Force.

NAVAL RESERVE FORCE: For expenses of organizing, administering, and recruiting the Naval Reserve Force and Naval Militia; for the maintenance and rental of armories, including the pay of necessary janitors, and for wharfage, $50,000: *Provided*, That no part of the money appropriated in this Act shall be used for the training of any member of the Naval Reserve Force except with his own consent.

Receiving barracks, Naval War College, R. I.

RECEIVING BARRACKS: Maintenance of receiving barracks, *$50,000*.

NAVAL WAR COLLEGE, RHODE ISLAND: For maintenance of the Naval War College on Coasters Harbor Island, including the maintenance, repair, and operation of one horse-drawn passenger-carrying vehicle to be used

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only for official purposes; and care of ground for same, $82,750; services of a professor of international law, $2,000; services of civilian lecturers, rendered at the War College, $1,200; care and preservation of the library, including the purchase, binding, and repair of books of reference and periodicals, $5,000: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, inspection, drafting, and messenger service for the fiscal year ending June 30, *1922*, shall not exceed $50,000; in all, Naval War College, Rhode Island, $90,950.

Naval Home, Philadelphia.

NAVAL HOME, PHILADELPHIA, PENNSYLVANIA, PAY OF EMPLOYEES: Secretary, $2,200; foreman mechanic, $2,200; superintendent of grounds, $1,080; steward, $1,200; store laborer, $660; matron and office assistant, $720; beneficiaries' attendant, $480; chief cook, $660; assistant cooks—one $540, one $480; laundresses—chief $420, five at $360 each; scrubbers—chief $420, three at $360 each; waitresses—head $480, ten at $360 each; kitchen attendant, $540; laborers—two at $840 each, four at $720 each, one $660, five at $600 each, five at $540 each; stable keeper and driver, $660; master at arms, $900; two house corporals, at $600 each; barber, $600; carpenter, $1,200; painters—one $1,200, one $1,020; engineer, $1,080; chauffeurs—one for coal truck $960, one for small truck $840, one for governor's car $840; electrician, $1,400; stenographers and typewriters—two at $1,400 each, one $1,200, one $1,000; telephone operator, $900; total for employees, $47,280;

Maintenance.

MAINTENANCE: Water rent, heating, and lighting; cemetery, burial expenses, and headstones; general care and improvements of grounds, buildings, walls, and fences; repairs to power-plant equipment, implements, tools, and furniture, and purchase of the same; music in chapel and entertainments for beneficiaries; stationery, books, and periodicals; transportation of indigent and destitute beneficiaries to the Naval Home, and of sick and insane beneficiaries, their attendants, and necessary subsistence for both, to and from other Government hospitals; employment of such beneficiaries in and about the Naval Home, as may be authorized by the Secretary of the Navy, on the recommendation of the governor; support of beneficiaries, and all other contingent expenses, including the maintenance, repair, and operation of one horse-drawn passenger-carrying vehicle, two motor-propelled vehicles, and one motor-propelled passenger-carrying vehicle, to be used only for official purposes, $110,366;

Total, Naval Home.

In all, Naval Home, $157,646, which sum shall be paid out of the income from the naval pension fund.

Bureau of Ordnance.

BUREAU OF ORDNANCE.

Ordnance and ordnance stores.

ORDNANCE AND ORDNANCE STORES: For procuring, producing, preserving, and handling ordnance material;

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for the armament of ships, for fuel, material, and labor to be used in the general work of the Ordnance Department; for furniture at naval ammunition depots, torpedo stations, naval ordnance plants, and proving grounds; for maintenance of proving grounds, powder factory, torpedo stations, gun factory, ammunition depots, and naval ordnance plants, and for target practice; for the maintenance, repair, or operation of horse-drawn and motor-propelled freight and passenger-carrying vehicles, to be used only for official purposes at naval ammunition depots, naval proving grounds, naval ordnance plants, and naval torpedo stations, and for the pay of chemists, clerical, drafting, inspection, and messenger service in navy yards, naval stations, naval ordnance plants, and naval ammunition depots: *Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for chemists, clerical, drafting, inspection, watchmen, and messenger service in navy yards, naval stations, naval ordnance plants, and naval ammunition depots for the fiscal year ending June 30, *1922*, shall not exceed $2,000,000; in all, *$14,000,000*.

Smokeless powder.

Purchase and manufacture of smokeless powder, $200,000.

Experiments.

EXPERIMENTS, BUREAU OF ORDNANCE: For experimental work in the development of armor-piercing and other projectiles, fuses, powders, and high explosives, in connection with problems of the attack of armor with direct and inclined fire at various ranges, including the purchase of armor, powder, projectiles, and fuses for the above purposes and of all necessary material and labor in connection therewith; and for other experimental work under the cognizance of the Bureau of Ordnance, in connection with the development of the ordnance material for the Navy, *$250,000*.

Contingent.

CONTINGENT, BUREAU OF ORDNANCE: For miscellaneous items, namely, cartage, expenses of light and water at ammunition depots and stations, tolls, ferriage, technical books, and incidental expenses attending inspection of ordnance material, *$20,000*.

Construction of buildings, etc.

That no part of the appropriations heretofore, herein, or hereafter made for "Increase of the Navy" under the Bureau of Ordnance and no part of allotments of appropriations heretofore or hereafter made to said bureau shall be available or the payment for services or materials used in the construction of any shop, building, living quarters, or other structures, except such temporary structures costing not in excess of $5,000 each as may be incident to current work of said bureau, or for additions and betterments to any existing shore station facilities unless the appropriation shall in terms specifically authorize such construction or additions and betterments: Provided, That nothing herein shall be construed as interfering in any way with any existing contract or any work in progress on the date of the approval of this Act: Provided further, That hereafter no money appro-

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priated for ordnance or ordnance material or material purchased therewith shall be used for any other purpose than that for which the appropriation was made: Provided further, That nothing herein shall be construed as preventing the allocation of armor, armament, ammunition, ordnance material, equipment, and accessories to ships according to the requirements of the naval service.

BUREAU OF YARDS AND DOCKS.

Bureau of Yards and Docks.

MAINTENANCE, BUREAU OF YARDS AND DOCKS: For general maintenance of yards and docks, namely, for books, maps, models, and drawings; purchase and repair of fire engines; fire apparatus and plants; machinery; operation, repair, purchase, maintenance of horses and driving teams, carts, timber wheels, and all vehicles, including motor-propelled and horse-drawn passenger-carrying vehicles to be used only for official purposes, and including motor-propelled vehicles for freight-carrying purposes only for use in all navy yards and naval stations; tools and repair of the same; stationery; furniture for Government houses and offices in navy yards and naval stations; coal and other fuel; candles, oil, and gas, attendance on light and power plants; cleaning and clearing up yards and care of buildings; attendance on fires, lights, fire engines, and fire apparatus and plants; incidental labor at navy yards; water tax, tolls, and ferriage; pay of watchmen in navy yards; awnings and packing boxes; pay for employees on leave, *and for repairs and preservation at navy yards, fuel depots, fuel plants, and stations, $7,500,000: Provided*, That the sum to be paid out of this appropriation under the direction of the Secretary of the Navy for clerical, inspection, drafting, messenger, and other classified work in the navy yards and naval stations, except similar expenditures in the Bureau of Yards and Docks, for the fiscal year ending June 30, *1922*, shall not exceed $1,300,000: *Provided further*, That no part of any appropriation contained in this Act shall be used for the purchase of passenger-carrying automobiles: *Provided further, That expenditures from appropriations contained in this Act for the maintenance, operation, and repair of motor-propelled passenger-carrying vehicles, including the compensation of operators, shall not exceed $175,000, exclusive of such vehicles owned and operated by the Marine Corps in connection with expeditionary duty without the continental limits of the United States: Provided further*, That during the fiscal year ending June 30, *1922*, operators of motor vehicles who were carried on the rolls of other bureaus prior to July 1, 1920, shall be continued to be so carried where their employment shall be found necessary.

Maintenance.

Automobiles.

CONTINGENT, BUREAU OF YARDS AND DOCKS: For contingent expenses and minor extensions and improve-

Contingent.

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ments of public works at navy yards and stations, $150,000.

Public works.

PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.

New York. *NAVY YARD, NEW YORK, NEW YORK: Toilet facilities at shipbuilding slips, $40,000; dredging, to continue, $100,000; in all, $140,000.*

The expenditure of the appropriation of $750,000 for water front improvements, navy yard, New York, New York, contained in the Naval Appropriation Act for the fiscal year 1919, is hereby suspended until July 1, 1922.

Philadelphia. *NAVY YARD, PHILADELPHIA, PENNSYLVANIA: Dry Dock Numbered 3, to complete, $200,000.*

Norfolk. *NAVY YARD, NORFOLK, VIRGINIA: Water-front improvements, to continue, $250,000.*

Charleston. *NAVY YARD, CHARLESTON, SOUTH CAROLINA: Dredging, to continue, $40,000*

Key West. *NAVAL STATION, KEY WEST, FLORIDA: For the development and completion of a submarine base, $800,000, no part thereof to be expended unless the Secretary of the Navy shall first ascertain that the breakwater already begun can be successfully completed and made permanent with this amount.*

Guantanamo. *NAVAL STATION, GUANTANAMO, CUBA: Additional distilling facilities, $75,000.*

Mare Island. *NAVY YARD, MARE ISLAND, CALIFORNIA: Maintenance of dikes and dredging, $175,000; improvements to central power plant, $150,000; in all, $325,000.*

Puget Sound. *NAVY YARD, PUGET SOUND, WASHINGTON: For grading, filling, and sea-wall construction, $250,000; keel blocks for Dry Dock Numbered 2, $6,500; extension of building numbered 178, $13,500; roadways and sidewalks, $25,000; pier five, rebuilding and extending, $715,000; telephone improvements, $10,000; pattern shop extension, $90,000; fifty-ton dry-dock crane, $200,000; additional storage facilities, $95,000; in all, $1,405,000.*

Pearl Harbor Hawaii. *NAVAL STATION, PEARL HARBOR, HAWAII: Addition to machine shop, $200,000; electric-system extensions, $85,000; water-front developements, $450,000; improvements to coaling plant, $75,000; compressed-air system extension, $15,000; additional storage facilities, $200,000; in all, $1,025,000.*

Ammunition depots. *NAVAL AMMUNITION DEPOT, PUGET SOUND, WASHINGTON: Extension, building numbered seven, one hundred and fifty feet, $25,000.*

NAVAL AMMUNITION DEPOT, MARE ISLAND, CALIFORNIA: Addition to magazine and shell house, $100,000.

NAVAL AMMUNITION DEPOT, PEARL HARBOR, HAWAII: For additional storage facilities, $177,000.

Depots for coal. *DEPOTS FOR COAL: For depots for coal and other fuel: Contingent, $50,000; care and custody of naval petroleum reserves, $10,000; in all, $60,000.*

Hampton Roads. *NAVAL OPERATING BASE, HAMPTON ROADS, VIRGINIA: Motor generator set, $20,000.*

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MARINE BARRACKS, SAN DIEGO, CALIFORNIA: Toward the further development of the Marine Corps base, $500,000. San Diego.

NAVAL BASE, SAN DIEGO, CALIFORNIA: Storehouse at foot of Broadway, to complete, $200,000.

NAVAL HOSPITAL, SAN DIEGO, CALIFORNIA: The Secretary of the Navy is hereby authorized and directed to continue and to enlarge the construction of the naval hospital being erected at San Diego, California, on land donated to the United States and accepted by the Secreatry of the Navy under the authority conveyed in the Naval Act of July 11, 1919, at a total cost not to exceed $1,975,000, and $500,000 is hereby appropriated to continue its construction.

Submarine base, Coco Solo, Canal Zone: Grading and drainage, $40,000. Bases, submarines.

Submarine base, Pearl Harbor, Hawaii: Additional piers, $100,000; battery-charging installation, $50,000; in all, $150,000.

TRAINING STATION, SAN DIEGO, CALIFORNIA: To complete the development of a permanent station, San Diego, California, $1,000,000. Training station, San Diego.

Total public works, $7,032,000, ana the amounts herein appropriated therefor shall be available until expended. Total.

BUREAU OF MEDICINE AND SURGERY.

Bureau of Medicine and Surgery.

MEDICAL DEPARTMENT: For surgeon's necessaries for vessels in commisssion, navy yards, naval stations, and Marine Corps; and for the civil establishment at the several naval hospitals, navy yards, naval medical supply depots, Naval Medical School and Dispensary, Washington, and Naval Academy, $2,920,000: *Provided*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for clerical service in naval hospitals, dispensaries, medical supply depots, and Naval Medical Schools, for the fiscal year ending June 30, *1922*, shall not exceed $150,000. Medical Department.

CONTINGENT, BUREAU OF MEDICINE AND SURGERY: For tolls and ferriages; care, transportation, and burial of the dead, including officers who die within the United States, and supernumerary patients who die in naval hospitals; purchase of cemetery lots; purchase of books, and stationery, binding of medical records, unbound books, and pamphlets; hygienic and sanitary investigation and illustration; sanitary, hygienic, and special instruction, including the printing and issuing of naval medical bulletins and supplements; purchase and repairs of nonpassenger-carrying wagons, automobiles ambulance, and harness; purchase of and feed for horses and cows; maintenances, repair, and operation of two passenger-carrying motor vehicles for naval dispensary, Washington, District of Columbia, and of one motor-propelled vehicle for official use only for the medical officer on out- Contingent.

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patient medical service at the Naval Academy, and a motor omnibus for the transportation of convalescent patients and attendants at the Naval Hospital at Las Animas, Colorado, to be used only for official purposes; trees, plants, care of grounds, garden tools, and seeds; incidental articles for the Naval Medical School and naval dispensary, Washington, naval medical supply depots, sick quarters at Naval Academy and marine barracks; washing for medical department at Naval Medical School and naval dispensary, Washington, naval medical supply depots, sick quarters at Naval Academy and marine barracks, dispensaries at navy yards and naval stations, and ships; and for minor repairs on buildings and grounds of the United States Naval Medical School and naval medical supply depots; rent of rooms for naval dispensary, Washington, District of Columbia, not to exceed $1,200; for the care, maintenance, and treatment of the insane of the Navy and Marine Corps on the Pacific coast, including supernumeraries held for transfer to the Government Hospital for the Insane; for dental outfits and dental material, and all other necessary contigent expenses; in all, $500,000.

Hospital patients.

CARE OF HOSPITAL PATIENTS: For the care, maintenance, and treatment of patients, including supernumeraries, in naval and other than naval hospitals, $100,000.

Bureau of Supplies and Accounts.

BUREAU OF SUPPLIES AND ACCOUNTS.

Pay of the Navy.

PAY OF THE NAVY: Pay and allowances prescribed by law of officers on sea duty and other duty, and officers on waiting orders, *$37,023,859: Provided, That hereafter each new midshipman shall, upon admission to the Naval Academy, be credited with the sum of $250 to cover the cost of his initial clothing and equipment issue, to be deducted subsequently from his pay: Provided further, That the foregoing proviso shall apply to midshipmen who enter the Naval Academy during the period between June 20, 1921, and the date of the approval of this Act;* officers on the retired list, *$3,113,771;* commutation of quarters for officers, including boatswains, gunners, carpenters, sailmakers, machinists, pharmacists, pay clerks, and mates, naval constructors, and assistant naval constructors, *$4,254,192* and also members of Nurse Corps (female), $1,000; for hire of quarters for officers serving with troops where are no public quarters belonging the Government, and where there are not sufficient quarters possessed by the United States to accommodate them or cummutation of quarters not to exceed the amount which an officer would receive were he not serving with troops, and hire of quarters for officers and enlisted men on sea duty at such times as they may be deprived of their quarters on board ship due to repairs or other conditions which may render them uninhabitable, $25,000; pay of enlisted men on the retired list, *$620,250;* extra pay to men reenlisting

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under honorable discharge, *$4,390,800;* interest on deposit by men, *$10,000;* pay of petty officers, seamen, landsmen, and apprentice seamen, including men in the engineer's force and men detailed for duty with the Fish Commission, enlisted men, men in trade schools, and pay of enlisted men of the Hospital Corps, *$77,034,687;* pay of enlisted men undergoing sentence of court-martial, *$655,000;* and as many machinists as the President may from time to time deem necessary to appoint; and apprentice seamen under training at training stations and on board training ships at the pay prescribed by law, *$2,294,136;* pay of the Nurse Corps, *$688,608;* rent of quarters for members of the Nurse Corps, *$29,000;* retainer pay and active-service pay of members of the Naval Reserve Force, *$7,000,000;* payment of $60 discharge gratuity, *$465,000;* reimbursement for losses of property under Act of October 6, 1917, $10,000; *payment of six months' death gratuity, $200,000;* in all, *$137,815,303;* and the money herein specifically appropriated for "Pay of the Navy," shall be disbursed and accounted for in accordance with existing law as "Pay of the Navy," and for that purpose shall constitute one fund: *Provided,* That retainer pay provided by existing law shall not be paid to any member of the Naval Reserve Force who fails to train as provided by law during the year the year for which he fails to train.

Provisions, Navy.

PROVISIONS, NAVY: For provisions and commuted rations for the seamen and marines, which commuted rations may be paid to caterers of messes in case of death or desertion upon orders of the commanding officers, commuted rations for officers on sea duty (other than commissioned officers of the line, Medical and Supply Corps, chaplains, chief boatswains, chief gunners, chief carpenters, chief machinists, chief pay clerks, and chief sailmakers) and midshipmen, and commuted rations stopped on account of sick in hospital and credited to the naval hospital fund; subsistence of officers and men unavoidably detained or absent from vessels to which attached under orders (during which subsistence rations to be stopped on board ship and no credit for commutation therefor to be given); subsistence of men on detached duty; subsistence of officers and men of the naval auxiliary service; subsistence of members of the Naval Reserve Force during period of active service; expenses in handling provisions and for subsistence of female nurses and Navy and Marine Corps general courts-martial prisoners undergoing imprisonment with sentences of dishonorable discharge from the service at the expiration of such confinement: *Provided,* That the Secretary of the Navy is authorized to commute rations for such general courts-martial prisoners in such amounts as seem to him proper, which may vary in accordance with the location of the naval prison, but which shall in no case exceed 30 cents per diem for each

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ration so commuted; and for the purchase of United States Army emergency rations as required; in all, *$21,925,922.50*, to be available until the close of the fiscal year ending June 30, *1923*.

Maintenance.

MAINTENANCE, BUREAU OF SUPPLIES AND ACCOUNTS: For fuel; the removal and transportaion of ashes and garbage from ships of war; books, blanks, and stationery, including stationery for commanding and navigating officers of ships, chaplains on shore and afloat, and for the use of courts-martial on board ships; purchase, repairs, and exchange of typewriters for ships; packing boxes and materials; interior fittings for general storehouses, pay officers, and accounting offices in navy yards; expenses of disbursing officers; coffee mills and repair thereto; expenses of naval clothing factory and machinery for the same; laboratory equipment; purchase of articles of equipage at home and abroad under the cognizance of the Bureau of Supplies and Accounts, and for the payment of labor in equipping vessels therewith, and the manufacture of such articles in the several navy yards; musical instruments and music; mess outfits; soap on board naval vessels, athletic outfits; tolls, ferriages, yeomen's stores, safes, and other incidential expenses; labor in general storehouses, paymasters' offices, and accounting offices in navy yards and naval stations, including naval stations maintained in island possessions under the control of the United States, and expenses in handling stores purchased and manufactured under "General account of advances," and the accounting officers of the Treasury are authorized and directed to credit "General account of advances" with the amount of the net losses which may be certified by the Paymaster General of the Navy as having been incurred in disposing of excess stocks in the naval supply account; and reimbursement to appropriations for the Department of Agriculture of cost of inspection of meats and meat-food products for the Navy Department: *Provided*, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for chemists and for clerical, inspection, and messenger service in the supply and accounting departments of the navy yards and naval stations and disbursing offices for the fiscal year ending June 30, *1922*, shall not exceed $3,500,000; in all, *$9,000,000*.

Clothing and small-stores fund.

The clothing and small-stores fund shall be charged with the value of all issues of clothing and small stores made to enlisted men and apprentice seamen required as outfits on first enlistment, not to exceed $100 each, and for civilian clothing not to exceed $15 per man to men given discharge for bad conduct, for undesirability, or inaptitude, and the uniform gratuity paid to officers of the Naval Reserve Force.

Freight.

FREIGHT, BUREAU OF SUPPLIES AND ACCOUNTS: All freight and express charges pertaining to the Navy De-

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partment and its bureaus, except the transportation of coal for the Bureau of Supplies and Accounts, *$4,000,000.*

Fuel and transportation.

FUEL AND TRANSPORTATION: Coal and other fuel for steamers' and ships' use, including expenses of transportation, storage, and handling the same; maintenance and general operation of machinery of naval fuel depots and fuel plants; water for all purposes on board naval vessels; and ice for the cooling of water, including the expense of transportation and storage of both, *$17,500,000: Provided,* That $1,000,000 of this appropriation shall be available for use, in the discretion of the Secretary of the Navy, in mining coal or contracting for the same in Alaska, the transportation of the same and the construction of coal bunkers and the necessary docks for use in supplying ships therewith; and the Secretary of the Navy is hereby authorized to select from the public coal lands in Alaska such areas as may be necessary for use by him for the purposes stated herein.

BUREAU OF CONSTRUCTION AND REPAIR.

Bureau of Construction and Repair.

Construction and repair.

CONSTRUCTION AND REPAIR OF VESSELS: For preservation and completion of vessels on the stocks and in ordinary; purchase of materials and stores of all kinds; steam steerers, steam capstans, steam windlasses, and all other auxiliaries; labor in navy yards and on foreign stations; purchase of machinery and tools for use in shops; carrying on work of experimental model tank and wind tunnel; designing naval vessels; construction and repair of yard craft, lighters, and barges; wear, tear, and repair of vessels afloat; general care and protection of the Navy in the line of construction and repair; incidental expenses for vessels and navy yards, inspectors' offices, such as photographing, books, professional magazines, plans, stationery, and instruments for drafting room, and for pay of classified force under the bureau; for hemp, wire, iron, and other materials for the manufacture of cordage, anchors, cables, galleys, and chains; specifications for purchase thereof shall be so prepared as shall give fair and free competition; canvas for the manufacture of sails, awnings, hammocks, and other work; interior appliances and tools for manufacturing purposes in navy yards and naval stations; and for the purchase of all other articles of equipage at home and abroad; and for the payment of labor in equipping vessels therewith and manufacture of such articles in the several navy yards; naval signals and apparatus, other than electric, namely, signals, lights, lanterns, running lights, and lamps and their appendages for general use on board ship for illuminating purposes; and oil and candles used in connection therewith; bunting and other materials for making and repairing flags of all kinds; for all permanent galley fittings and equipage; rugs, carpets, curtains, and hangings on board naval vessels, *$22,500,000: Provided, That the amount of money to*

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Niagara, restoration of.

be expended from the appropriation "Construction and repair of vessels," for the restoration, preservation, and maintenance of the naval brig Niagara in the City of Erie, Pennsylvania, including the construction of suitable facilities for anchoring said vessel and properly preserving it for historical purposes shall not exceed $10,000: Provided further, That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for clerical, drafting, inspection, watchmen (ship keepers), and messenger service in navy yards, naval stations, and offices of superintending naval constructors for the fiscal year ending June 30, *1922,* shall not exceed *$3,450,000.*

Bureau of Engineering.

BUREAU OF ENGINEERING.

Engineering.

ENGINEERING: For repairs, preservation, and renewal of machinery, auxiliary machinery, and boilers of naval vessels, yard craft, and ships' boats, distilling and refrigerating apparatus; repairs, preservation, and renewals of electric interior and exterior signal communications and all electrical appliances of whatsoever nature on board naval vessels, except range finders, battle order and range transmitters and indicators, and motors and their controlling apparatus used to operate machinery belonging to other bureaus; searchlights and fire-control equipments for antiaircraft defense at shore stations; maintenance and operation of coast signal service, inclubing not to exceed *$2,500* for the purchase of land necessary for radio shore stations; equipage, supplies, and materials under the cognizance of the bureau required for the maintenance and operation of naval vessels, yard craft and ships' boats; purchase, installation, repair, and preservation of machinery, tools, and appliances in navy yards and stations, pay of classified force under the bureau; incidental expenses for naval vessels, navy yards, and stations, inspectors' offices, the engineering experiment station, such as photographing, technical books and periodicals, stationery, and instruments; instruments and apparatus, supplies, and technical books and periodicals necessary to carry on experimental and research work in radiotelegraphy at the naval radio laboratory: *Provided,* That the sum to be paid out of this appropriation, under the direction of the Secretary of the Navy, for clerical, drafting, inspection, and messenger service in navy yards, naval stations, and offices of United States inspectors of machinery and engineering material for the fiscal year ending June 30, *1922,* shall not exceed $2,500,000; in all, engineering, *$20,500,000.*

Expetiment station, Annapolis.

ENGINEERING EXPERIMENT STATION, UNITED STATES NAVAL ACADEMY, ANNAPOLIS, MARYLAND: For original investigation and extended experimentation of naval appliances, testing implements and apparatus; purchase and installation of such machines and auxiliaries consid-

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ered applicable for test and use in the naval service, and for maintenance and equipment of buildings and grounds, $225,000.

NAVAL ACADEMY. Naval Academy.

PAY, NAVAL ACADEMY: Pay of professors and others, Naval Academy: Pay of professors and instructors, including one professor as librarian, $385,000; Pay.

One swordmaster, $1,900; assistants—one $1,700, one $1,500; head master in physical training, $2,200; instructors in physical training—one $2,100, two at $2,000 each, seven at $1,900 each; assistant librarian, $2,500; cataloguer, $1,800; two shelf assistants, at $1,400 each; secretary of the Naval Academy, *$3,000;* clerks—two at $2,100 each, two at $1,900 each, two at $1,800 each, nine at $1,600 each, four at $1,400 each, twenty-three at $1,300 each, seven at $1,200 each; repair men or seamstress, $1,000; surveyor, $1,700; services of choirmaster and organist at chapel, $1,700; captain of the watch, $1,600; second captain of the watch, $1,500; thirty watchmen, at $1,400 each; five telephone switchboard operators, at $840 each; mail messenger, $1,200; *in all, $161,600;*

In all, pay of professors and others, Naval Academy, *$546,600.*

DEPARTMENT OF ORDNANCE AND GUNNERY: For leading ordnancemen, ordnancemen, ordnance helpers, electricians, and other employees, *$20,658.* Ordnance and gunnery.

DEPARTMENTS OF ELECTRICAL ENGINEERING AND PHYSICS: For electrical machinists, mechanics, laboratorians, and other employees, *$19,431.04.* Engineering and physics.

DEPARTMENT OF SEAMANSHIP: Three coxswains, at $1,176.88 each; three seamen, at $1,001.60 each; two seamen, at $826.32 each; in all, $8,188.08. Seamanship.

DEPARTMENT OF MARINE ENGINEERING AND NAVAL CONSTRUCTION: For master machinists, assistants, pattern makers, boiler makers, blacksmiths, machinists, molders, coppersmiths, who shall be considered practical instructors of midshipmen, and other employees, *$55,914.32.* Marine engineering.

COMMISSARY DEPARTMENT: For chief clerk and purchasing agent, chief cook and cooks, steward and assistant stewards, stenographers, typists, head waiters and assistant head waiters, head pantrymen, chief baker and bakers, butchers, truck chauffeurs, mechanicians for repair of trucks, firemen, seamstresses, and necessary pantrymen, butcher's helpers, baker's helpers, waiters, coffeemen, dish pantrymen, utility men, linen men, laundrymen, scullions, and other unskilled and unclassified occupations, wages to be determined by the Superintendent of the Naval Academy, and in no case to exceed $75 per month in case of unskilled and unclassified employees, *$238,415.99: Provided,* That no employee paid under the provisions of this paragraph shall receive a salary in excess of $2,000. Commissary.

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Buildings and grounds.

DEPARTMENT OF BUILDINGS AND GROUNDS: One messenger to superintendent, $1,001.60; necessary building attendants, $145,436.80; in all, $146,438.40.

In all, civil establishment, *$1,035,645.83.*

Current and miscellaneous.

CURRENT AND MISCELLANEOUS EXPENSES, NAVAL ACADEMY: Text and reference books for use of instructors; stationery, blank books and forms, models, maps, and periodicals; apparatus and materials for instruction in physical training and athletics; expenses of lectures and entertainments not exceeding $1,000, including pay and expenses of lecturer; chemicals, philosophical apparatus and instruments, stores, machinery, tools, fittings, apparatus, and materials for instruction purposes, $110,000.

Purchase, binding, and repair of books for the library (to be purchased in the open market on the written order of the superintendent), $2,500.

For expenses of the Board of Visitors to the Naval Academy, $3,000.

For contingencies for the superintendent of the academy, to be expended in his discretion, $3,000.

For contingencies for the commandant of midshipmen, to be expended in his discretion, *$1,200.*

In all, current and miscellaneous expenses, *$119,700.*

Maintenance.

MAINTENANCE AND REPAIRS, NAVAL ACADEMY: For general maintenance and repairs at the Naval Academy, namely: For necessary repairs of public buildings, wharves, and walls inclosing the grounds of the Naval Academy, improvements, repairs, and fixtures; for books, periodicals, maps, models, and drawings; purchase and repair of fire engines; fire apparatus and plants; machinery; purchase and maintenance of all horses and horse-drawn vehicles for use at the academy, including the maintenance, operation, and repair of three horse-drawn passenger-carrying vehicles to be used only for official purposes; seeds and plants; tools and repairs of the same; stationery; furniture for Government buildings and offices at the academy, including furniture for midshipmen's rooms; coal and other fuels; candles, oil, and gas; attendance on light and power plants; cleaning and clearing up station and care of buildings; attendance on fires, lights, fire engines, fire apparatus, and plants, and telephone, telegraph, and clock systems; incidental labor; advertising, water tax, postage, telephones, telegrams, tolls, and ferriage; flags and awnings; packing boxes; fuel for heating and lighting bandsmen's quarters; pay of inspectors and draftsmen; music and astronomical instruments; and for pay of employees on leave, *$1,105,000.*

Commutation of rent for bandsmen, at $15 per month each, $13,500.

In all, maintenance and repairs, *$1,118,500.*

Total

In all, Naval Academy, exclusive of public works, *$2,273,845.83.*

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MARINE CORPS. Marine Corps.

PAY, MARINE CORPS: Pay of officers, active and reserve list: For pay and allowances prescribed by law for all officers on the active and reserve list, *$4,386,196.01.* Pay.

For pay of officers prescribed by law, on the retired list: For *three* major generals, four brigadier generals, eight colonels, *six* lieutenant colonels, *twenty-six* majors, *forty-four* captains, *twenty-two* first lieutenants, *nine* second lieutenants, two marine gunners, one quartermaster clerk, two pay clerks, and for officers who may be placed thereon during the year, including such increased pay as is now or may hereafter be provided for retired officers regularly assigned to active duty, *$353,761.25.*

Pay of enlisted men, active and reserve list: Pay and allowances of noncommissioned officers, musicians, and privates, as prescribed by law, and for the expenses of clerks of the United States Marine Corps traveling under orders, and including additional compensation for enlisted men of the Marine Corps qualified as expert riflemen, sharpshooters, marksmen, or regularly detailed as gun captains, gun pointers, cooks, messmen, signalmen, or holding good-conduct medals, pins, or bars, including interest on deposits by enlisted men, post exchange debts of deserters, under such rules as the Secretary of the Navy may prescribe, and the authorized travel allowance of discharged enlisted men, and for prizes for excellence in gunnery exercise and target practice, and for pay of enlisted men designated as Navy mail clerks and assistant Navy mail clerks, both afloat and ashore, *$12,060,300.76.*

For pay and allowances prescribed by law of enlisted men on the retired list: For *nineteen* sergeants major, one drum major, *forty* gunnery sergeants, *thirty-six* quartermaster sergeants, *fifty-four* first sergeants, *fifty-six* sergeants, *twelve* corporals, *five* principal musicians, *eighteen* first-class musicians, one second-class musician, one drummer, and ten privates, and for those who may be retired during the fiscal year, *$210,822.60.*

Undrawn clothing: For payment to discharged enlisted men for the clothing undrawn, *$25,000.* Clothing.

Mileage: For mileage to officers traveling under orders without troops, *$150,000.* Mileage.

Commutation of quarters for enlisted men on recruiting duty, for officers and enlisted men serving with or without troops where there are no public quarters belonging to the Government, and where there are not sufficient quarters possessed by the United States to accommodate them, for enlisted men employed as clerks and messengers in the offices of the commandant, adjutant and inspector, paymaster, and quartermaster, and the offices of the assistant adjutant and inspectors, assistant paymasters, assistant quartermasters, at $21 each per month, and for enlisted men employed as messengers in said offices, at $10 each per month, $711,100. Quarters, commutation of.

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Pay, civil force. PAY OF CIVIL FORCE: In the office of the major general commandant: Temporary special assistant to the major general commandant, $2,750; chief clerk, $2,250; clerk, $1,800; messenger, $971.28; in all, *$7,771.28.*

In the office of the paymaster: Chief clerk, $2,250; clerk, $1,500; *in all, $3,750.*

In the office of the adjutant and inspector: Chief clerk, $2,250; clerks—one $1,800, one $1,600, one $1,500, one $1,400, one $1,200; *in all, $9,750.*

In the office of the quartermaster: Temporary special assistant to the quartermaster, $2,750; chief clerk, $2,250; clerks—two at $1,800 each, one $1,500, two at $1,400 each, two at $1,200 each, technical engineer, $2,300; draftsman, $2,000; *in all, $19,600.*

In the office of the assistant quartermaster, San Francisco, California: Chief clerk, $2,500.

In the office of the assistant quartermaster, Philadelphia, Pennsylvania: Chief clerk, $2,500; messenger, $840; *in all, $3,340.*

For temporary employees in offices at Marine Corps Headquarters and at Marine Corps, $100,000: *Provided,* That no person shall be employed hereunder at a rate of compensation in excess of $2,000 per annum.

In all, for pay of civil force, $146,711.28, and the money herein specifically appropriated for pay of the Marine Corps shall be disbursed and accounted for in accordance with existing law as pay of the Marine Corps, and for that purpose shall constitute one fund.

Total pay. In all, pay, Marine Corps, *$18,043,891.90.*

MAINTENANCE, QUARTERMASTER'S DEPARTMENT, MARINE CORPS.

Provisions. PROVISIONS, MARINE CORPS: For enlisted men serving ashore; subsistence and lodging of enlisted men when traveling on duty, or cash in lieu thereof; commutation of rations to enlisted men regularly detailed as clerks and messengers; payments of board and lodging of applicants for enlistment while held under observation, recruits, recruiting parties, and enlisted men where it is impracticable to otherwise furnish subsistence, or in lieu of board, commutation of rations to recruiting parties, and enlisted men traveling on special duty, at such rates as the Secretary of the Navy may prescribe; ice machines and their maintenance where required for the health and comfort of the troops and for cold storage; ice for offices and preservation of rations, *$4,141,450.*

Clothing. CLOTHING, MARINE CORPS: For enlisted men authorized by law, *$1,125,000.*

Fuel. FUEL, MARINE CORPS: For heat, light, and commutation thereof for the authorized allowance of quarters for officers and enlisted men, and other buildings and grounds pertaining to the Marine Corps; fuel, electricity, and oil

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for cooking, power, and other purposes; and sales to officers, *$590,000.*

Military stores.

MILITARY STORES, MARINE CORPS: Purchase and repair of military equipments, such as rifles, revolvers, cartridge boxes, bayonet scabbards, haversacks, blanket bags, canteens, rifle slings, swords, drums, trumpets, flags, waist-belts, waist plates, cartridge belts, spare parts for repairing rifles, machetes; tents, field cots, field ovens, and stove for tents; instruments for bands; purchase of music and musical accessories, articles of field sports for enlisted men, signal equipment and stores, purchase and marking of prizes for excellence in gunnery and rifle practice; good-conduct badges; medals and buttons awarded to officers and enlisted men by the Government for conspicuous, gallant, and special service; incidential expenses of schools of application; equipment and maintenance of school, library, and amusement rooms and gymnasiums for enlisted men; rental and maintenance of target ranges, and entrance fees in competitions; procuring, preserving, and handling ammunition and other necessary military supplies; in all, *$500,000.*

Transportation and recruiting.

TRANSPORTATION AND RECRUITING, MARINE CORPS: For transportation of troops, and of applicants for enlistment between recruiting stations and recruiting depots or posts, including ferriage and transfers en route, or cash in lieu thereof; toilet kits for issue to recruits upon their first enlistment and the expense of the recruiting service, *$750,000.*

Repairs of barracks.

REPAIRS OF BARRACKS, MARINE CORPS: Repairs and improvement to barracks, quarters, and other public buildings at posts and stations; for the renting, leasing, and improvement of buildings in the District of Columbia, with the approval of the Public Buildings Commission, and at such other places as the public exigencies require and the erection of temporary buildings upon the approval of the Secretary of the Navy; such temporary buildings as may be erected in pursuance hereof at a total cost not to exceed $10,000 during the year, *$450,000.*

Forage.

FORAGE, MARINE CORPS: For forage in kind and stabling for public animals of the Quartermaster's Department and the authorized number of officers' horses, $100,000.

Contingent.

CONTINGENT, MARINE CORPS: For freight, expressage, tolls, cartage, advertising, washing bed linen, towels, and other articles of *Government property*, funeral expenses of officers and enlisted men, and retired officers on active duty during the war and retired enlisted men of the Marine Corps, including the transportation of bodies and their arms and wearing apparel from the place of demise to the homes of the deceased in the United States; stationery and other paper, printing and binding; telegraphing, rent of telephones; purchase, repair, and exchange of typewriters; apprehension of stragglers and deserters; employment of civilian labor and draftsmen; purchase,

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repair, and installation and maintenance of gas, electric, sewer, and water pipes and fixtures; office and barracks furniture, vacuum cleaners, camp and garrison equipage and implements; mess utensils for enlisted men and for properly constituted officers' messes; packing boxes, wrapping paper, oilcloth, crash, rope, twine, quarantine fees, camphor and carbonized paper, carpenters' tools, tools for police purposes, safes; purchase, hire, repair, and maintenance of such harness, wagons, motor wagons, armored automobiles, carts, drays, motor-propelled and horse-drawn passenger-carrying vehicles, to be used only for official purposes, and other vehicles as are required for the transportation of troops and supplies and for official military and garrison purposes; purchase of public horses and mules; services of veteninary surgeons, and medicines for public animals, and the authorized number of officers' horses; purchase of mounts and horse equipment for all officers below the grade of major required to be mounted; shoeing for public animals and the authorized number of officers' horses; purchase and repair of hose, fire extinguishers, carts, wheelbarrows, and lawn mowers; purchase, installation, and repair of cooking and heating stoves and furnaces; purchase of towels, soap, combs, and brushes for offices; postage stamps for foreign and registered postage; books, newspapers, and periodicals; improving parade grounds; repairs of pumps and wharves, water; straw for bedding, matresses; matress covers, pillows, sheets, furniture for Government quarters and repair of same; packing and crating officers' allowance of baggage on change of station, deodorizing, lubricants, disinfectants; for the construction, operation, and maintenance of laundries; and for all emergencies and extraordinary expenses arising at home and abroad, but impossible to anticipate or classify, *$2,000,000.*

In all, for the maintenance of Quartermaster's Department, Marine Corps, *$9,656,450;* and the money herein specifically appropriated for the maintenance of the Quartermaster's Department, Marine Corps, shall be disbursed and accounted for in accordance with the existing law as maintenance, Quartermaster's Department, Marine Corps, and for that purpose shall constitute one fund.

Total.

Total, Marine Corps, exclusive of public works, *$27,700,341.90.*

Increase of Navy, construction and machinery.

INCREASE OF THE NAVY, CONSTRUCTION AND MACHINERY: On account of hulls and outfits of vessels and machinery of vessels heretofore authorized, to be available until expended, *$53,000,000.*

Torpedo boats.

INCREASE OF THE NAVY, TORPEDO BOATS: On account of submarine torpedo boats heretofore authorized, to be available until expended, *$4,000,000.*

Armor and armament.

INCREASE OF THE NAVY, ARMOR AND ARMAMENT: Toward the armor and armament for vessels heretofore authorized, to be available until expended, *$33,000,000.*

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Total increase of the Navy heretofore authorized, $90,000,000: *Provided, That no part of this appropriation can be expended except on vessels now being constructed.* Total.

That no part of any sum appropriated by this Act shall be used for any expense of the Navy Department at Washington, District of Columbia, unless specific authority is given by law for such expenditure.

That no part of the appropriations made in this Act shall be available for the salary or pay of any officer, manager, superintendent, foreman, or other person having charge of the work of any employee of the United States Government while making or causing to be made with a stop watch or other time-measuring device a time study of any job of any such employee between the starting and completion thereof, or of the movements of any such employee while engaged upon such work; nor shall any part of the appropriations made in this Act be available to pay any premiums or bonus or cash reward to any employee in addition to his regular wages, except for suggestions resulting in improvements or economy in the operation of any Government plant; and that no part of the moneys appropriated in each or any section of this Act shall be used or expended for the purchase or acquirement of any article or articles that, at the time of the proposed acquirement, can be manufactured or produced in each or any of the Government navy yards of the United States, when time and facilities permit, for a sum less than it can be purchased or acquired otherwise.

SEC. 2. That hereafter no enlisted man in the Navy shall be paid on reenlistment an honorable discharge gratuity, or any proportionate part thereof, in excess of any amount equal to one month's pay for each year of service in the last expiring enlistment of such enlisted man. Discharge gratuity.

SEC. 3. That appropriations herein and hereafter made under the Bureau of Yards and Docks for public works, exclusive of repairs and preservation, shall remain available until expended. Appropriations for public works.

SEC. 4. That during the fiscal year 1922 the ration for officers and enlisted men of the Navy entitled thereto shall be commuted at the rate of 50 cents per diem; and the commuted value of the ration for midshipmen shall be $1.08 per diem; and commuted rations stopped on account of sick in hospital shall be credited at the rate of 75 cents per ration to the naval hospital fund. Ration.

SEC. 5. That as consideration for a suitable site and requisite rights, privileges, and easements for a receiving and distant-control radio station in Porto Rico the Secretary of the Navy be, and he hereby is, authorized to exchange or lease for such period as he may deem proper any land under naval control in Porto Rico not otherwise required for naval purposes: Provided, That in time of war or national emergency, if necessary, the Navy Department shall have without cost free and unlimited use of any land so exchanged or leased. Radio station, Porto Rico.

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N. R. F. and temporary officers, retirement.

SEC. 6. That the last paragraph of section 2 of the Act entitled "An Act making appropriations for the naval service for the fiscal year ending June 30, 1921, and for other purposes," approved June 4, 1920, is hereby amended to read as follows:

"That all officers of the Naval Reserve Force and temporary officers of the Navy who have heretofore incurred or may hereafter incur physical disability in line of duty in time of war shall be eligible for retirement under the same conditions as now provided by law for officers of the Regular Navy who have incurred physical disability in line of duty: Provided, however, That application for such retirement shall be filed with the Secretary of the Navy not later than October 1, 1921."

Temporary employees, office of Solicitor.

SEC. 7. That the paragraph in the Act approved March 3, 1921, making appropriations for the legislative, executive, and judicial expenses of the Government for the fiscal year ending June 30, 1922, and for other purposes, providing for temporary employees in the office of the Solicitor for the Navy Department, is hereby amended to read as follows:

"For temporary employees in the office of the Solicitor for the Navy Department, $20,000: Provided, That no person shall be employed hereunder at a rate of compensation exceeding $1,800 per annum except the following: One at $3,000, one at $2,400, one at $2,250."

Bureau of Aeronautics.

SEC. 8. That there is hereby created and established in the Department of the Navy a Bureau of Aeronautics, which shall be charged with matters pertaining to naval aeronautics as may be prescribed by the Secretary of the Navy, and all of the duties of said bureau shall be performed under the authority of the Secretary of the Navy, and its orders shall be considered as emanating from him, and shall have full force and effect as such.

Chief of.

There shall be a Chief of the Bureau of Aeronautics, appointed by the President, by and with the advice and consent of the Senate, from among the officers of the active list of the Navy or Marine Corps who shall within one year after his appointment qualify as an aircraft pilot or observer, for a period of four years, and who shall, while holding such position, have the corresponding rank and receive the same pay and allowances as are now or may hereafter be prescribed by or in pursuance of law for chiefs of bureaus of the Department of the Navy.

Assistant Chief.

An officer of the active list of the Navy, or Marine Corps, may be detailed as Assistant Chief of the Bureau of Aeronautics, and such officer shall receive the highest pay of his grade, and, in case of the death, resignation, absence, or sickness of the chief of the bureau shall, until otherwise directed by the President, as provided by section 179 of the Revised Statutes, perform the duties of such chief until his successor is appointed or such absence or sickness shall cease.

There shall be a chief clerk at a salary of $2,250 per annum.

Civil personnel.

The Secretary of the Navy is authorized to transfer to the Bureau of Aeronautics such number of the civilian, technical,

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clerical, and messenger personnel, together with such records, equipment, and facilities now assigned for aeronautic work under the various bureaus of the Department of the Navy or Marine Corps as in his judgment may be necessary. The unexpended and unobligated portion of all moneys heretofore appropriated for any bureau of the Department of the Navy or Marine Corps used in connection with aeronautics, including the appropriation "Aviation, Navy," is hereby made available for the use of the Bureau of Aeronautics.

Officers and men detailed to aircraft duty.

The number of officers and enlisted men of the Navy and Marine Corps detailed to duty in aircraft and involving actual flying and to duties in connection with aircraft shall hereafter be in accordance with the requirements of Naval Aviation as determined by the Secretary of the Navy: Provided, That not to exceed 30 per centum of the officers in each grade below that of rear admiral who fail to qualify as aircraft pilots or as aircraft observers within one year after the date of their detail into the Bureau of Aeronautics shall be permitted to remain detailed in this bureau: Provided further, That flying units or detachments, with the exception of aircraft carriers or other vessels, shall in all cases be commanded by flying officers.

SEC. 9. That the President is authorized and requested to invite the Governments of Great Britain and Japan to send representatives to a conference, which shall be charged with the duty of promptly entering into an understanding or agreement by which the naval expenditures and building programs of each of said Governments, to wit, the United States, Great Britain, and Japan, shall be substantially reduced annually during the next five years to such an extent and upon such terms as may be agreed upon, which understanding or agreement is to be reported to the respective Governments for approval.

Approved, July 12, 1921.

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[PUBLIC—NO. 17—65TH CONGRESS.]

[H. R. 3330.]

AN ACT To temporarily increase the commissioned and warrant and enlisted strength of the Navy and Marine Corps, and for other purposes.

Navy. Enlisted strength temporarily increased.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the authorized enlisted strength of the active list of the Navy is hereby temporarily increased from eighty-seven thousand to one hundred and fifty thousand, including four thousand additional apprentice seamen.

Marine Corps. Enlisted strength temporarily increased.

SEC. 2. That the authorized enlisted strength of the active list of the Marine Corps is hereby temporarily increased from seventeen thousand four hundred to thirty thousand, this authorized strength being distributed in the various grades of the enlisted force in the same proportion as those authorized at the date of the approval of this Act.

Enlistment period during present war.

SEC. 3. That enlistments in the Navy and Marine Corps, during such time as the United States may be at war, shall be for four years or for such shorter period or periods as the President may prescribe, or for the period of the present war.

Temporary appointments based upon increases.

SEC. 4. Additional commissioned officers in the Navy and Marine Corps, based upon the temporary increases herein authorized in the number of enlisted men, shall be temporarily appointed by the President, in his discretion, with the advice and consent of the Senate, not above the grades and ranks of lieutenant in the line and staff of the Navy and major in the Marine Corps, the distribution in said grades and ranks to be made in accordance with the provisions of the Act of August twenty-ninth, nineteen hundred and sixteen: *Provided*, That all temporary original appointments shall be made in the lowest commissioned grades of the line and staff of the Navy and Marine Corps, exclusive of commissioned warrant officers, and that there shall be no permanent or temporary appointments in or permanent or temporary promotions to any grade or rank above that of lieutenant in the Navy or major in the Marine Corps by reason of the temporary appointment of officers authorized by this Act in excess of the total number of officers authorized by existing law or on account of the increase of enlisted men herein authorized: *Provided further*, That, during the period of the present war, the deficiency existing prior to the passage of this Act in the total number of commissioned

Distribution of grades.

Provisos.
Original appointments to be in lowest grades.
Restrictions on appointments or promotions to higher grades.

Supplying existing vacancies for present war.

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officers of the Navy and Marine Corps authorized by the Act of August twenty-ninth, nineteen hundred and sixteen, may also be supplied by temporary appointments in the lowest grades and by temporary promotions to all other grades until a sufficient number of officers shall be available for regular appointment or promotion in accordance with existing law: *Provided further*, That nothing herein shall be held or construed to limit or abridge the use or service of the officers of the Navy and Marine Corps on the retired list or of the officers of the Naval Militia and National Naval Volunteers, Naval Reserve Force and Marine Corps Reserve, as provided and authorized under existing law: *Provided further*, That temporary chaplains and temporary acting chaplains in the Navy may be appointed for service during the period of the war in the proportion of the personnel of the Navy as now prescribed by existing law.

Use of retired officers, Naval Militia, reserves, etc., not abridged.

Chaplains. Temporary appointments authorized.

Officers. Eligibility for appointments or promotions to temporary grades or ranks.

SEC. 5. That the additional temporary officers authorized in the various grades and ranks of the Navy and Marine Corps in accordance with the next preceding section may be temporarily appointed to serve in the grades or ranks to which appointed or promoted by the temporary advancement of officers holding permanent and probationary commissions, by temporary appointment of commissioned warrant officers, warrant officers, and enlisted men of the Navy, and warrant officers, noncommissioned officers, and clerks to assistant paymasters of the Marine Corps, commissioned and warrant officers of the United States Coast Guard, citizens of the United States who have had previous naval or military service or training, and other citizens of the United States specially qualified: *Provided*, That in making appointments authorized herein the maximum age limit shall be fifty years for commissioned warrant officers, warrant officers, and enlisted men to ensign, enlisted men of the Navy to warrant rank, candidates for assistant surgeon, noncommissioned officers of the Marine Corps to commissioned rank, members of the Marine Corps branch of the Naval Militia and National Naval Volunteers, Marine Corps Reserve, and civilians specially qualified to commissioned rank, and warrant officers of the active list of the Marine Corps appointed to commissioned rank, and temporary chaplains and temporary acting chaplains: *Provided further*, That graduates of the Naval Academy and warrant officers duly commissioned in the Navy or Marine Corps in accordance with existing law shall not, by virtue of this Act, be required to receive temporary appointments; and the class of midshipmen graduated from the Naval Academy on March twenty-ninth, nineteen hundred and seventeen, and the classes to be graduated hereafter, may be commissioned effective from date of graduation: *Provided further*, That temporary appointments as warrant officers of the Navy may

Provisos. Maximum age limit.

Naval Academy and warrant officers.

Commissions to midshipmen on graduation.

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be made by the Secretary of the Navy: *Provided further*, That lieutenants (junior grade) and ensigns may be considered eligible for temporary promotions to the grades of lieutenant and lieutenant (junior grade), respectively, without regard to length of service in grade.

Temporary warrant officers.
Lieutenants (junior grade) and ensigns.

SEC. 6. That during the period of the present war the computations to be made by the Secretary of the Navy as prescribed by the Act of August twenty-ninth, nineteen hundred and sixteen, shall be made semiannually as of July first and January first of each year and at such other times as he may deem necessary; and the Board of Rear Admirals for selection for promotion prescribed in said Act may be convened at such times as the exigencies of the service may require and shall recommend for promotion such number of officers as the Secretary of the Navy may prescribe to fill vacancies in the several grades as provided by existing law.

Computations for promotions to be made semiannually during present war.
Recommendations by Board.

SEC. 7. That the permanent and probationary commissions, appointments, and warrants of officers shall not be vacated by reason of their temporary advancement or appointment, nor shall said officers be prejudiced in their relative lineal rank in regard to promotion in accordance with the Act of August twenty-ninth, nineteen hundred and sixteen: *Provided*, That the rights benefits, privileges, and gratuities of all enlisted men of the Navy and Marine Corps now authorized by law shall not be lost or abridged in any respect whatever by their acceptance of temporary commissions or warrants hereunder: *Provided further*, That no person who shall receive a temporary appointment shall be entitled to pay or allowances except under such temporary appointment: *And provided further*, That upon the termination of temporary appointments in a higher grade or rank as authorized by this Act the officers so advanced, including probationary second lieutenants, warrant officers, clerks to assistant paymasters, and enlisted men of the Navy and Marine Corps, commissioned and warrant officers of the United States Coast Guard, shall revert to the grade, rank, or rating from which temporarily advanced, unless such officers or enlisted men in the meantime, in accordance with law, become entitled to promotion to a higher grade or rank in the permanent Navy or Marine Corps, in which case they shall revert to said higher grade or rank and shall, after passing the prescribed examinations, be commissioned accordingly.

Permanent status not affected by temporary appointments.
Provisos.
Rights, etc., of enlisted men not abridged.
Effect of temporary appointments.
Reversion to prior grade, etc., on termination.
Regular promotions not affected.

SEC. 8. That all temporary appointments or advancements authorized by this Act shall continue in force only until otherwise directed by the President or until Congress shall amend or repeal the authorization for the increases herein provided and not later than six months after the termination of the present war.

Termination of temporary appointments.

SEC. 9. That any officer of the permanent Navy or Marine Corps, temporarily advanced in grade or rank in accordance with the provisions of this Act, who shall be

Retirements.

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retired from active service under his permanent commission while holding such temporary rank, except for physical disability incurred in line of duty, shall be placed on the retired list with the grade or rank to which his position in the permanent Navy or Marine Corps at the date of his retirement would entitle him, and any person originally appointed temporarily, as provided in this Act, shall not be entitled to any rights of retirement, except for physical disability incurred in line of duty.

Marine Corps. Promotion of probationary second lieutenants.

SEC. 10. That, during the continuance of the present war, should any second lieutenant of the Marine Corps holding a probationary appointment for the period of two years become eligible for promotion to a higher grade and qualify therefor before the expiration of two years from the date of original appointment, he shall receive a probationary appointment in such higher grade, which appointment shall be made permanent or shall be vacated in the manner prescribed by the Act of August twenty-ninth, nineteen hundred and sixteen.

Additional marine gunners, etc., authorized.

SEC. 11. That the appointment of thirty marine gunners, thirty quartermaster's clerks, and nine clerks to assistant paymasters additional to the number now prescribed by law, and the temporary appointment of eight clerks to assistant paymasters for the war, is hereby authorized, such appointments to be made in the manner now provided by law.

Appointments by the President and Senate.

SEC. 12. That the temporary appointments and promotions herein authorized shall be made by the President, with the advice and consent of the Senate.

No reduction of rank, pay, etc.

SEC. 13. Nothing contained in this Act shall operate to reduce the rank, pay, or allowances that would have been received by any person in the Navy, Marine Corps, or Coast Guard except for the passage of this Act.

Personnel. Limitation on number of line captains repealed.

SEC. 14. That the provisions of the Act entitled "An Act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and seventeen, and for other purposes," approved August twenty-ninth, nineteen hundred and sixteen, which read as follows: "*Provided further*, That the increase in the number of captains herein authorized shall be made at the rate of not more than ten captains in any one year" and "That officers of the Marine Corps with the rank of colonel who shall have served faithfully for forty-five years on the active list shall, when retired, have the rank of brigadier general; and such officers who shall hereafter be retired at the age of sixty-four years before having served for forty-five years, but who shall have served faithfully on the active list until retired, shall, on the completion of forty years from their entry in the naval service, have the rank of brigadier general," are hereby repealed.

Marine Corps. Retirement of colonels as brigadier generals, repealed.

Enlisted men. Pay increased during the war. Basis.

SEC. 15. That commencing June first, nineteen hundred and seventeen, and continuing until not later than six months after the termination of the present war, all

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enlisted men of the Navy of the United States in active service whose base pay does not exceed $21 per month shall receive an increase of $15 per month; those whose base pay is over $21 and does not exceed $24 per month, an increase of $12 per month; those whose base pay is over $24 and less than $45 per month, an increase of $8 per month; and those whose base pay is $45 or more per month, an increase of $6 per month: *Provided*, That the increases of pay herein authorized shall not enter into the computation of continuous-service pay: *Provided*, That during the continuance of the present war, warrant officers, petty officers and enlisted men of the United States Coast Guard shall receive the same rates of pay as are or may hereafter be prescribed for corresponding grades or ratings and length of service in the Navy.

Provisos.
Not credited to service pay.
Coast Guard.
Pay, etc., to correspond with Navy.

SEC. 16. That the President is hereby authorized, whenever in his judgment a sufficient national emergency exists, to transfer to the service and jurisdiction of the War Department, or of the Navy Department, such vessels, equipment, stations, and personnel of the Coast and Geodetic Survey as he may deem to the best interest of the country, and after such transfer all expenses connected therewith shall be defrayed out of the appropriations for the department to which transfer is made: *Provided*, That such vessels, equipment, stations, and personnel shall be returned to the Coast and Geodetic Survey when such national emergency ceases, in the opinion of the President, and nothing in this Act shall be construed as transferring the Coast and Geodetic Survey or any of its functions from the Department of Commerce except in time of national emergency and to the extent herein provided: *Provided further*, That any of the personnel of the Coast and Geodetic Survey who may be transferred as herein provided shall, while under the jurisdiction of the War Department or Navy Department, have proper military status and shall be subject to the laws, regulations, and orders for the government of the Army or Navy, as the case may be, in so far as the same may be applicable to persons whose retention permanently in the military service of the United States is not contemplated by law: *And provided further*, That the President is authorized to appoint, by and with the advice and consent of the Senate, the field officers of the Coast and Geodetic Survey who are now officially designated assistants and aids, as follows: Officers now designated assistants and receiving a salary of $2,000 or more per annum shall be appointed hydrographic and geodetic engineers; officers now designated assistants and receiving a salary of $1,200 or greater but less than $2,000 per annum shall be appointed junior hydrographic and geodetic engineers; officers now designated aids shall be appointed aids: *Provided*, That no person shall be appointed aid or shall be promoted from aid to junior hydrographic and geodetic engineer or from junior hydro-

Coast and Geodetic Survey.
Transfer of vessels, etc., to Army or Navy.

Provisos.
Return when emergency ceases.

Personnel subject to Army or Navy laws, etc.

Field officers.
Officers of hydrographic and geodetic engineers created.

Examinations required, etc.

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graphic and geodetic engineer to hydrographic and geodetic engineer until after passing a satisfactory mental and physical examination conducted in accordance with regulations prescribed by the Secretary of Commerce, except that the President is authorized to nominate for confirmation the assistants and aids in the service on the date of the passage of this Act.

Present pay, etc., not reduced. Pension benefits.

Nothing in this Act shall reduce the total amount of pay and allowances they were receiving at the time of transfer. While actually employed in active service under direct orders of the War Department or of the Navy Department members of the Coast and Geodetic Survey shall receive the benefit of all provisions of laws relating to disability incurred in line of duty or loss of life.

Relative rank in service of Army or Navy.

When serving with the Army or Navy the relative rank shall be as follows:

Hydrographic and geodetic engineers receiving $4,000 or more shall rank with and after colonels in the Army and captains in the Navy.

Hydrographic and geodetic engineers receiving $3,000 or more but less than $4,000 shall rank with and after lieutenant colonels in the Army and commanders in the Navy.

Hydrographic and geodetic engineers receiving $2,500 or more but less than $3,000 shall rank with and after majors in the Army and lieutenant commanders in the Navy.

Hydrographic and geodetic engineers receiving $2,000 or more but less than $2,500 shall rank with and after captains in the Army and lieutenants in the Navy.

Junior hydrographic and geodetic engineers shall rank with and after first lieutenants in the Army and lieutenants (junior grade) in the Navy.

Aids shall rank with and after second lieutenants in the Army and ensigns in the Navy.

Pay when not on military duty.

And nothing in this Act shall be construed to affect or alter their rates of pay and allowances when not assigned to military duty as hereinbefore mentioned.

Regulations governing duties, etc.

The Secretary of War, the Secretary of the Navy, and the Secretary of Commerce shall jointly prescribe regulations governing the duties to be performed by the Coast and Geodetic Survey in time of war, and for the cooperation of that service with the War and Navy Departments in time of peace in preparation for its duties in war, which regulations shall not be effective unless approved by each of the said Secretaries, and included therein may be rules and regulations for making reports and communications between the officers or bureaus of the War and Navy Departments and the Coast and Geodetic Survey.

Medical Corps, Navy. Status retained.

SEC. 17. That nothing contained in the Act of August twenty-ninth, nineteen hundred and sixteen, shall operate to disturb the relative position of officers in the Medical Corps with reference to precedence or promotion, but

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all such officers otherwise qualified shall be advanced in rank with or ahead of officers in said corps who were their juniors on the date of said Act.

Command of fleets, etc.
Designation of admirals or vice admirals for.

SEC. 18. That the President be, and he is hereby, further authorized to designate six officers of the Navy for the command of fleets or subdivisions thereof and, after being so designated from the date of assuming such command until relinquishing thereof, not more than three of such officers shall each have the rank and pay of an admiral, and the others shall each have the rank and pay of a vice admiral; and the grades of admiral and vice admiral are hereby authorized and continued for the purpose of this Act: *Provided*, That in time of war the selections under the provisions of this section shall be made from the grades of rear admiral or captain on the active list of the Navy: *Provided further*, That the pay of an admiral shall be $10,000 and the pay of a vice admiral $9,000 per annum: *Provided further*, That in time of peace officers for the command of fleets and subdivisions thereof, as herein authorized, shall be designated from among the rear admirals on the active list of the Navy: *Provided further*, That nothing herein contained shall create any vacancy in any grade in the Navy or increase the total number of officers authorized by law: *Provided further*, That when an officer with the rank of admiral or vice admiral is detached from the command of a fleet or subdivision thereof, as herein authorized, he shall return to his regular rank in the list of officers of the Navy and shall thereafter receive only the pay and allowances of such rank: *And provided further*, That nothing in this Act shall be held or construed as amending or repealing the provisions of sections fourteen hundred and thirty-four, fourteen hundred and sixty-three, and fourteen hundred and sixty-four of the Revised Statutes of the United States.

Provisos.
Selection in time of war.

Pay.

Designation in time of peace.

No vacancy created.

To return to regular rank when detached.

Status of "flag officers" not affected.

Former provision repealed.

That the provision in the Act approved March third, nineteen hundred and fifteen, for the designation of commanders in chief of certain fleets with the rank of admiral and for the designation of officers second in command of such fleets with the rank of vice admiral be, and the same is hereby, repealed.

Criminal Code amendment.

SEC. 19. That section forty-four of the Act entitled "An Act to codify, revise, and amend the penal laws of the United States," approved March fourth, nineteen hundred and nine, as amended by an Act entitled "An Act making appropriation for the naval service for the fiscal year ending June thirtieth, nineteen hundred and eighteen, and for other purposes," approved March fourth, nineteen hundred and seventeen, be, and is hereby, amended by adding the following to said section:

Violating defensive sea areas regulations, etc.
Jurisdiction of District Court of Canal Zone over offenses.

"*Provided*, That offenses hereunder committed within the Canal Zone or within any defensive sea areas which the President is authorized to establish by said section, shall be cognizable in the District Court of the Canal Zone, and jurisdiction is hereby conferred upon said

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court to hear and determine all such cases arising under said section and to impose the penalties therein provided for the violation of any of the provisions of said section."

Staff officers. Examination for advancement to higher ranks.

SEC. 20. That hereafter all laws relating to the examination of officers of the Navy for promotion shall be construed to apply to the regular advancement of staff officers to higher ranks on the active list the same as though such advancements in rank were promotions to higher grades: *Provided*, That examinations for such staff officers shall not be required except for such regular advancements in rank: *Provided further*, That the President be, and he is hereby, authorized to direct the Secretary of the Navy to take such action on the records of proceedings of naval examining boards and boards of naval surgeons for the promotion of officers of the Navy as is now required by law to be taken by the President.

Provisos. Limitation. Records of examining board to be acted on by Secretary of the Navy.

Extra ration for deck force on night duty during present war.

SEC. 21. That during the continuance of the present war an extra allowance of one ounce of coffee or cocoa, two ounces of sugar, four ounces of hard bread or its equivalent, and four ounces of preserved meat or its equivalent shall be allowed to enlisted men of the deck force when standing night watches between eight o'clock postmeridian and eight o'clock antemeridian.

Approved, May 22, 1917.

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And also subsequent legislation showing principal changes affecting the personnel of the Navy.

AN ACT To reorganize and increase the efficiency of the personnel of the Navy and Marine Corps of the United States.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the officers constituting the Engineer Corps of the Navy be, and are hereby, transferred to the line of the Navy, and shall be commissioned accordingly.

Engineer Corps transferred to line.

[1] [OFFICERS FOR ENGINEERING DUTY ONLY. Officers of the line of the Navy not below the grade of lieutenant may, upon application, and with the approval of the Secretary of the Navy, be assigned to engineering duty only, and that when so assigned and until they reach the grade of commander, they shall perform duty as prescribed in section four of the Personnel Act approved March third, eighteen hundred and ninety-nine, and thereafter shore duty only as now prescribed for officers transferred to the line from the former engineer corps, except that commanders may be assigned to duty as fleet and squadron engineers: *Provided,* That when so assigned they shall retain their place with respect to other line officers in the grades they now or may hereafter occupy, and also the right to succession to command on shore in accordance with their seniority, and shall be promoted as vacancies occur subject to physical examination and to such examination in engineering as the Secretary of the Navy may prescribe: *Provided further,* That the number of officers so assigned in any one year shall be in accordance with the requirements of the service as determined by the Secretary of the Navy: *And provided further,* That the Secretary of the Navy is hereby authorized to appoint annually in the line of the Navy for a period of ten years following the passage of this Act, in the order of merit determined by such competitive examination as he may prescribe, thirty acting ensigns for the performance of engineering duties only. Persons so appointed must have received a degree of mechanical or electrical engineer from a college or university of high standing or be graduates of technical schools approved by the Secretary of the Navy, must have been found physically qualified by a board of medical officers of the Navy for the performance of the duties required, and must at the time of appointment be not less than twenty

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nor more than twenty-six years of age. Such appointments shall be for a probationary period of three years, and may be revoked at any time by the Secretary of the Navy.

[Such acting ensigns shall, upon the completion of the probationary period of three years, of which two years shall have been spent on board cruising vessels and one year pursuing a course of instruction at the Naval Academy prescribed by the Secretary of the Navy, be commissioned in the grade of lieutenant of the junior grade after satisfactorily passing such examination as may be prescribed by the Secretary of the Navy, and having been recommended for promotion by the examining board and found physically qualified by a board of medical officers of the Navy.

[Such officers shall thereafter be required to perform engineering duties only, and shall be eligible for advancement to the higher grades in the manner herein provided for line officers assigned to engineering duty only.—Act August 29, 1916.]

SEC. 2. That engineer officers holding the relative rank of captain, commander, and lieutenant-commander shall take rank in the line of the Navy according to the dates at which they attained such relative rank. Engineer officers graduated from the Naval Academy from eighteen hundred and sixty-eight to eighteen hundred and seventy-six, both years inclusive, shall take rank in the line next after officers in the line who graduated from the Naval Academy in the same year with them: *Provided*, That when the date of a line officer's commission as captain, commander, or lieutenant-commander and the date when the engineer officer attained the same relative rank of captain, commander, or lieutenant-commander are the same, the engineer officer shall take rank after such line officer.

SEC. 3. That engineer officers who completed their Naval Academy course of four years from eighteen hundred and seventy-eight to eighteen hundred and eighty, both inclusive, shall take rank in the line as determined by the Academic Board under the Department's instructions of December first, eighteen hundred and ninety-seven; and engineer officers who completed their Naval Academy course of four years in eighteen hundred and eighty-one and eighteen hundred and eighty-two shall take rank in the line as determined by the merit roll of graduating classes at the conclusion of the six years' course, June, eighteen hundred and eighty-three and eighteen hundred and eighty-four: *Provided*, That those engineer officers who were appointed from civil life, and whose status is not fixed by section two of this act, shall take rank with other line officers according to the dates of their first commissions, respectively: *And provided further*, That the engineer officers who completed their Naval Academy course of four years in eighteen hundred and eighty-one and eighteen hundred and eighty-two

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Appointments from civil life.

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shall retain among themselves the same relative standing as shown on the Navy Register at the date of the passage of this act.

Duties of engineer officers.

SEC. 4. That engineer officers transferred to the line who are below the rank of commander, and extending down to but not including the first engineer who entered the Naval Academy as cadet midshipman, shall perform sea or shore duty, and such duty shall be such as is performed by engineers in the Navy: *Provided*, That any officer described in this section may, upon his own application, made within six months after the passage of this act, be assigned to the general duties of the line if he pass the examination now provided by law as preliminary to promotion to the grade he then holds, failure to pass not to displace such officer from the list of officers for sea or shore duty such as is performed by engineers in the Navy.

Shore duty only.

SEC. 5. That engineer officers transferred to the line to perform engineer duty only who rank as or above commander, or who subsequently attain such rank, shall perform shore duty only.

[ADDITIONAL NUMBERS IN GRADE.—That officers on the active list of the line of the United States Navy who, under authority of law, now perform engineering duty on shore only are hereby made additional to the numbers in the grades in which they are now serving, and shall be carried as additional to the numbers of each grade to which they may hereafter be promoted: *Provided*, That said officers shall be entitled to all the benefits of retirement under existing or future laws equally with other officers of like rank and service.—Act March 4, 1911.]

[NOT RESTRICTED TO ENGINEERING DUTY ONLY.—That officers who now perform engineering duty on shore only and officers of the Construction Corps shall be eligible for any shore duty compatible with their rank and grade to which the Secretary of the Navy may assign them.—Act June 30, 1914. See also Act March 3, 1915.]

[SELECTION FOR PROMOTION TO GRADES OF REAR ADMIRAL, CAPTAIN, AND COMMANDER.—That the recommendation of the board in the case of officers of the former Engineer Corps who are restricted by law to the performance of shore duty only, and in that of officers who may hereafter be assigned to engineering duty only, shall be based upon their comparative fitness for the duties prescribed for them by law. Upon promotion they shall be carried as additional numbers in grade. * * *

[The report of the board shall be in writing signed by all of the members and shall certify that the board has carefully considered the case of every officer eligible for consideration under the provisions of this law, and that in the opinion of at least six of the members the officers therein recommended are the best fitted of all those under consideration to assume the duties of the next higher grade, except that the recommendation of the board in

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the case of officers of the former Engineer Corps who are restricted by law to the performance of shore duty only, and in that of officers who may hereafter be assigned to engineering duty only, shall be based upon their comparative fitness for the duties prescribed for them by law. * * *

[On and after June thirtieth, nineteen hundred and twenty, no captain, commander, or lieutenant commander shall be promoted unless he has had not less than two years' actual sea service on seagoing ships in the grade in which serving or who is more than fifty-six, fifty, or forty-five years of age, respectively: *Provided*, That the qualification of sea service shall not apply to officers restricted to the performance of engineering duty only.—Act August 29, 1916.]

[SAME.—That the provisions of the Act of August 29, 1916, regarding the promotion of captains in the line of the permanent Navy shall not restrict the promotion of such captains as may have been wounded in line of duty and who are now on the active list, and such captains shall be entitled to the benefits of the provisions of section 1494, Revised Statutes of the United States, and also to the benefits of the Act of March 4, 1911.—Act July 11, 1919.]

Other engineer officers to perform line duties.

SEC. 6. That all engineer officers not provided for in sections four and five transferred to the line shall perform the duties now performed by line officers of the same grade: *Provided*, That after a period of two years subsequent to the passage of this act they shall be required to pass the examination now required by law as preliminary to promotion to the grade they then hold, and subject to existing law governing examinations for promotion.

Memo: See increase in numbers. Act Mar. 3, 1903.

Rear admiral, nine lower.

Memo: See increase in pay. Act May 13, 1908.

SEC. 7. That the active list of the line of the Navy, as constituted by section one of this act, shall be composed of eighteen rear admirals, seventy captains, one hundred and twelve commanders, one hundred and seventy lieutenant commanders, three hundred lieutenants, and not more than a total of three hundred and fifty lieutenants (junior grade) and ensigns: *Provided*, That each rear admiral embraced in the nine lower numbers of that grade shall receive the same pay and allowance as are now allowed a brigadier general in the Army. Officers, after performing three years' service in the grade of ensign, shall, after passing the examinations now required by law, be eligible to promotion to the grade of lieutenant (junior grade): *Provided*, That when the

Chief of bureau.

office of chief of bureau is filled by an officer below the rank of rear admiral, said officer shall, while holding said office, have the rank of rear admiral and receive the same pay and allowance as are now allowed a brigadier general in the Army: *And provided further*, That nothing contained in this section shall be construed to prevent the retirement of officers who now have the rank or rela-

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tive rank of commodore with the rank and pay of that grade: *And provided further*, That all sections of the Revised Statutes which, in defining the rank of officers or positions in the Navy, contain the words "the relative rank of" are hereby amended so as to read "the rank of," but officers whose rank is so defined shall not be entitled, in virtue of their rank to command in the line or in other staff corps. Neither shall this act be construed as changing the titles of officers in the staff corps of the Navy. No appointments shall be made of civil engineers in the Navy on the active list under section fourteen hundred and thirteen of the Revised Statutes in excess of the present number, twenty-one.

Commodore.

Civil engineers.

[ADMIRAL OF THE NAVY.—The President is hereby authorized to appoint, by selection and promotion, an Admiral of the Navy, who shall not be placed upon the retired list except upon his own application; and whenever such office shall be vacated by death or otherwise the office shall cease to exist.—Act March 3, 1899.]

[GRADES OF ADMIRAL AND VICE ADMIRAL REESTABLISHED.—That the President be, and he is hereby, further authorized to designate six officers of the Navy for the command of fleets or subdivisions thereof and, after being so designated from the date of assuming such command until relinquishing thereof, not more than three of such officers shall each have the rank and pay of an admiral, and the others shall each have the rank and pay of a vice admiral; and the grades of admiral and vice admiral are hereby authorized and continued for the purpose of this Act: *Provided*, That in time of war the selections under the provisions of this section shall be made from the grades of rear admiral or captain on the active list of the Navy: *Provided further*, That the pay of an admiral shall be $10,000 and the pay of a vice admiral $9,000 per annum: *Provided further*, That in time of peace officers for the command of fleets and subdivisions thereof, as herein authorized, shall be designated from among the rear admirals on the active list of the Navy: *Provided further*, That nothing herein contained shall create any vacancy in any grade in the Navy or increase the total number of officers authorized by law: *Provided further*, That when an officer with the rank of admiral or vice admiral is detached from the command of a fleet or subdivision thereof, as herein authorized, he shall return to his regular rank in the list of officers of the Navy and shall thereafter receive only the pay and allowances of such rank: *And provided further*, That nothing in this Act shall be held or construed as amending or repealing the provisions of sections fourteen hundred and thirty-four, fourteen hundred and sixty-three, and fourteen hundred and sixty-four of the Revised Statutes of the United States.

That the provision in the Act approved March third, nineteen hundred and fifteen, for the designation of com-

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manders in chief of certain fleets with the rank of admiral and for the designation of officers second in command of such fleets with the rank of vice admiral be, and the same is hereby, repealed.—Act May 22, 1917.]

[RANK OF ADMIRAL FOR CHIEF OF NAVAL OPERATIONS.—Hereafter the Chief of Naval Operations, while so serving as such Chief of Naval Operations, shall have the rank and title of admiral, to take rank next after The Admiral of the Navy, and shall, while so serving as Chief of Naval Operations, receive the pay of $10,000 per annum and no allowances.—Act August 29, 1916.]

[That hereafter the Chief of Naval Operations shall receive the allowances which are now or may hereafter be prescribed by or in pursuance of law for the grade of general in the Army, and the officers of the Navy holding the rank and title of Admiral and Vice Admiral in the Navy while holding such rank and title shall receive the allowances of a General and Lieutenant General of the Army, respectively.—Act July 1, 1918.]

[INCREASE IN NUMBER OF LINE OFFICERS.—The grades of the active list of the Navy hereinafter designated shall be so increased that there shall be thirty additional lieutenant commanders, in all two hundred; fifty additional licutenants, in all three hundred and fifty; such total numbers of lieutenants (junior grade) and ensigns as may qualify for said grades under existing law and the provisions of this Act: * * *

[The increase in the grades of lieutenant commander and lieutenant provided for in this act shall be filled by promotion each year of not exceeding twenty-five per centum of the total number of the increase in each of said grades.—Act March 3, 1903.]

[SAME.—Hereafter the total number of commissioned officers of the active list of the line of the Navy, exclusive of commissioned warrant officers, shall be four per centum of the total authorized enlisted strength of the active list, exclusive of the Hospital Corps, prisoners undergoing sentence of discharge, enlisted men detailed for duty with the Naval Militia, and the Flying Corps: *Provided*, That the total number of commissioned line officers on the active list at any one time, exclusive of commissioned warrant officers, shall be distributed in the proportion of one of the grade of rear admiral to four in the grade of captain, to seven in the grade of commander, to fourteen in the grade of lieutenant commander, to thirty-two and one-half in the grade of lieutenant, to forty-one and one-half in the grades of lieutenant (junior grade) and ensign, inclusive: *Provided further*, That lieutenants (junior grade) shall have had not less than three years' service in that grade before being eligible for promotion to the grade of lieutenant. * * *

[*Provided further*, That the increase in the number of captains herein authorized shall be made at the rate of not more than ten captains in any one year.—Act August 29, 1916.]

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[RULES FOR COMPUTING NUMBER OF LINE OFFICERS.—That to determine the authorized number of officers in the various grades and ranks of the line and of the staff corps as herein provided, computations shall be made by the Secretary of the Navy semiannually, as of July first and January first of each year, and the resulting numbers in the various grades and ranks, as so computed, shall be held and considered for all purposes as the authorized number of officers in such various grades and ranks and shall not be varied between such dates. * * *

[When there is an odd number of officers in the grade or rank of rear admiral in the line or in each corps, the lower division thereof shall include the excess in number except where there is but one.

[Whenever a final fraction occurs in computing the authorized number of any corps, grade or rank in the naval service, the nearest whole number shall be regarded as the authorized number: *Provided*, That at least one officer shall be allowed in each grade or rank.

[For the purpose of determining the authorized number of officers in any grade or rank of the line or of the staff corps, there shall be excluded from consideration those officers carried by law as additional numbers, including staff officers heretofore permanently commissioned with the rank of rear admiral.—Act August 29, 1916.]

[PROMOTION OF LINE OFFICERS BY SELECTION.—Hereafter all promotions to the grades of commander, captain, and rear admiral of the line of the Navy, including the promotion of those captains, commanders, and lieutenant commanders who are, or may be, carried on the Navy list as additional to the numbers of such grades, shall be by selection only from the next lower respective grade upon the recommendation of a board of naval officers as herein provided.

[The board shall consist of nine rear admirals on the active list of the line of the Navy not restricted by law to the performance of shore duty only, and shall be appointed by the Secretary of the Navy and convened during the month of December of each year and as soon after the first day of the month as practicable.

[Each member of said board shall swear, or affirm, that he will, without prejudice or partiality, and having in view solely the special fitness of officers and the efficiency of the naval service, perform the duties imposed upon him as herein provided.

[The board shall be furnished by the Secretary of the Navy with the number of vacancies in the grades of rear admiral, captain, and commander to be filled during the following calendar year, including the vacancies existing at the time of the convening of the board and those that will occur by operation of law from the date of convening until the end of the next calendar year, and with the names of all officers who are eligible for consideration

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for selection as herein authorized, together with the record of each officer: *Provided,* That any officer eligible for consideration for selection shall have the right to forward through official channels at any time not later than ten days after the convening of said board a written communication inviting attention to any matter of record in the Navy Department concerning himself which he deems important in the consideration of his case: *Provided,* That such communications shall not contain any reflection upon the character, conduct, or motives of or criticism of any officer: *Provided further,* That no captains, commanders, or lieutenant commanders who shall have had less than four years' service in the grade in which he is serving on November the thirtieth of the year of the convening of the board shall be eligible for consideration by the board: *Provided further,* That the recommendation of the board in the case of officers of the former Engineer Corps who are restricted by law to the performance of shore duty only and in that of officers who may hereafter be assigned to engineering duty only shall be based upon their comparative fitness for the duties prescribed for them by law. Upon promotion they shall be carried as additional numbers in grade.

[The board shall recommend for promotion a number of officers in each grade equal to the number of vacancies to be filled in the next higher grade during the following calendar year: *Provided,* That no officer shall be recommended for promotion unless he shall have received the recommendation of not less than six members of said board.

[The report of the board shall be in writing signed by all of the members and shall certify that the board has carefully considered the case of every officer eligible for consideration under the provisions of this law, and that in the opinion of at least six of the members, the officers therein recommended are the best fitted of all those under consideration to assume the duties of the next higher grade, except that the recommendation of the board in the case of officers of the former Engineer Corps who are restricted by law to the performance of shore duty only, and in that of officers who may hereafter be assigned to engineering duty only, shall be based upon their comparative fitness for the duties prescribed for them by law.

[The report of the board shall be submitted to the President for approval or disapproval. In case any officer or officers recommended by the board are not acceptable to the President, the board shall be informed of the name of such officer or officers, and shall recommend a number of officers equal to the number of those found not acceptable to the President and if necessary shall be reconvened for this purpose. When the report of the board shall have been approved by the President, the officers recommended therein shall be deemed eligible for selection, and if promoted shall take rank with one

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another in accordance with their seniority in the grade from which promoted: *Provided*, That any officers so selected shall prior to promotion be subject in all respects to the examinations prescribed by law for officers promoted by seniority, and in case of failure to pass the required professional examination such officer shall thereafter be ineligible for selection and promotion. And should any such officer fail to pass the required physical examination he shall not be considered, in the event of retirement, entitled to the rank of the next higher grade.

[On and after June thirtieth, nineteen hundred and twenty, no captain, commander, or lieutenant commander shall be promoted unless he has had not less than two years' actual sea service on sea-going ships in the grade in which serving or who is more than fifty-six, fifty, or forty-five years of age, respectively: *Provided*, That in exceptional cases where officers are specifically designated during the war or national emergency declared by the President by the Secretary of the Navy as performing, or as having performed, such highly important duties on shore that their services can not be or could not have been spared from such assignment without serious prejudice to the successful prosecution or the war, the qualification of sea service in the cases of those officers so specifically designated shall not apply while the United States is at war, or during a national emergency declared by the President, or within two and one-half years subsequent to the ending of such war or national emergency: *Provided*, That the qualification of sea service shall not apply to officers restricted to the performance of engineering duty only.—Acts August 29, 1916, July 1, 1918.]

[The provision of existing law which requires the Secretary of the Navy to make computations semiannually as of July 1 and January 1 of each year and to convene the boards to select officers of the line and of the staff corps for promotion is hereby amended so that said computations shall be made and said boards shall be convened at least once each year and at such times as the Secretary of the Navy may direct, and the boards shall recommend for promotion such number of officers as may be necessary to fill vacancies then existing and which may occur during the next period of time.—Act July 11, 1919.]

[That officers of the permanent Navy who have served satisfactorily during the war with the German Government in a temporary grade or rank shall be eligible under the provision of existing law for selection for promotion and for promotion to the same permanent grade or rank until July 1, 1920, without regard to statutory requirements other than professional and physical examinations: *Provided*, That the age and grade requirement prescribed by the Act approved August 29, 1916, in the rank of commander is hereby extended from June 30, 1920, to June 30, 1921.—Act July 11, 1919.]

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[PROMOTION OF STAFF OFFICERS BY SELECTION.—The provisions of existing laws with reference to promotion by selection in the line of the Navy are hereby extended to include and authorize advancement to the ranks of commander, captain, and rear admiral in the Staff Corps of the Navy under the same conditions in all respects except as may be necessary to adapt the said provisions to such Staff Corps: *Provided*, That boards of selection shall in each case be composed, when practicable, of not less than five members of the corps concerned and promotions shall be made on the basis of fitness alone by selection from among the officers of the rank next below: *Provided further*, That the requirements for sea service in grade, length of service in grade, and maximum age in grade for promotion shall not apply.—Act July 1, 1918.]

[NUMBER AND RANK OF STAFF OFFICERS.—The total authorized number of commissioned officers of the active list of the following staff corps, exclusive of commissioned warrant officers, shall be based on percentages of the total number of commissioned officers of the active list of the line of the Navy, as follows:

[Pay Corps, twelve per centum; Construction Corps, five per centum; Corps of Civil Engineers, two percentum; and that the total authorized number of commissioned officers of the Medical Corps shall be sixty-five one hundredths of one per centum of the total authorized number of the officers and enlisted men of the Navy and Marine Corps, including midshipmen, Hospital Corps, prisoners undergoing sentence of discharge, enlisted men detailed for duty with the Naval Militia, and the Flying Corps. * * *

[The total number of commissioned officers of the active list of the following mentioned staff corps at any one time, exclusive of commissioned warrant officers, shall be distributed in the various grades of the respective corps as follows:

[Medical Corps: One-half medical directors with the rank of rear admiral to four medical directors with the rank of captain, to eight medical inspectors with rank of commander, to eighty-seven and one-half in the grades below medical inspector: *Provided*, That hereafter appointees to the grade of assistant surgeon shall be between the ages of twenty-one and thirty-two at the time of appointment.

[Pay Corps: One-half pay directors with the rank of rear admiral to four pay directors with the rank of captain, to eight pay inspectors with the rank of commander, to eighty-seven and one-half in the grades below pay inspector.

[Construction Corps: One-half naval constructors with the rank of rear admiral to eight and one-half naval constructors with the rank of captain, to fourteen naval constructors with the rank of commander, to seventy-seven naval constructors and assistant naval constructors with

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rank below commander: *Provided*, That vacancies in the Construction Corps shall be filled in the manner now prescribed by law, at such annual rate as the Secretary of the Navy may prescribe: *Provided further*, That hereafter ensigns of not less than one year's service as such shall be eligible for transfer to the Construction Corps.

[Corps of Civil Engineers: One-half civil engineers with the rank of rear admiral to five and one-half civil engineers with the rank of captain, to fourteen civil engineers with the rank of commander, to eighty civil engineers and assistant civil engineers with the rank below commander.

[Hereafter no further appointments shall be made to the Corps of Professors of Mathematics, and that corps shall cease to exist upon the death, resignation, or dismissal of the officers now carried in that corps on the active and retired list of the Navy. * * * *Provided*, That officers shall take rank in each staff corps according to the dates of commission in the several grades, excepting in cases where they have gained or lost numbers. * * *

[Hereafter the authorized number of surgeons in the United States Navy be, and it is hereby, increased by one; and that hereafter the Secretary of the Navy be, and he is hereby, authorized to detail one or more officers of the Medical Corps of the United States Navy for duty with the Military Relief Division of the American National Red Cross.—Act August 29, 1916.]

[That nothing contained in the Act of August twenty-ninth, nineteen hundred and sixteen, shall operate to disturb the relative position of officers in the Medical Corps with reference to precedence or promotion, but all such officers otherwise qualified shall be advanced in rank with or ahead of officers in said corps who were their juniors on the date of said Act.—Act May 22, 1917.]

[CORPS OF CHAPLAINS.—The grade of acting chaplain in the Navy is hereby authorized and created, and hereafter original appointments shall be made by the Secretary of the Navy, not to exceed the number hereinafter provided, in the grade of acting chaplains in the Navy after such examination as may be prescribed by the Secretary of the Navy, and while so serving acting chaplains shall have the rank, pay, and allowances of lieutenant, junior grade, in the Navy. After three years' sea service on board ship each acting chaplain before receiving a commission in the Navy shall establish to the satisfaction the Secretary of the Navy by examination by a board of chaplains and medical officers of the Navy his physical, mental, moral, and professional fitness to perform the duties of chaplain in the Navy, and if found so qualified, shall be commissioned a chaplain in the Navy with the rank of lieutenant, junior grade. If any acting chaplain shall fail on the examinations herein prescribed he shall be honorably discharged from the naval service, and the

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appointment of any acting chaplain may be revoked at any time in the discretion of the Secretary of the Navy.

[Hereafter the total number of chaplains and acting chaplains in the Navy shall be one to each twelve hundred and fifty of the total personnel of the Navy and Marine Corps as fixed by law, including midshipmen, apprentice seamen, and naval prisoners, and of the total number of chaplains and acting chaplains herein authorized ten per centum thereof shall have the rank of captain in the Navy, twenty per centum the rank of commander, twenty per centum the rank of lieutenant commander, and the remainder to have the rank of lieutenants and lieutenants, junior grade.

[Naval chaplains hereafter commissioned from acting chaplains shall have the rank, pay, and allowances of lieutenants, junior grade, in the Navy until they shall have completed four years' service in that grade, when, subject to examination as above prescribed, they shall have the rank, pay, and allowances of lieutenant in the Navy, and chaplain with the rank of lieutenant shall have at least four years' service in that grade before promotion to the grade of lieutenant commander, after which service, chaplains shall be promoted as vacancies occur to the grades of lieutenant commander, commander, and captain: *Provided*, That not more than seven acting chaplains shall be commissioned chaplains in any one year: *And provided further*, That no provision of this section shall operate to reduce the rank, pay, or allowances that would have been received by any person in the Navy except for the passage of this section, and that all laws or parts of laws inconsistent with the provisions of this section be, and the same are hereby, repealed.—Act June 30, 1916.]

[NAVAL DENTAL CORPS.—That the Act approved August twenty-ninth, nineteen hundred and sixteen, entitled "An Act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and seventeen, and for other purposes" (Statutes at Large, volume thirty-nine, chapter four hundred and seventeen, pages five hundred and seventy-three and five hundred and seventy-four), be, and the same is hereby, amended by striking out all of said Act following the caption "Naval Dental Corps" on page five hundred and seventy-three, but preceding the caption "Dental Reserve Corps," on page five hundred and seventy-four, and by substituting therefor the following:

["That the President of the United States is hereby authorized to appoint and commission, by and with the advice and consent of the Senate, dental officers in the Navy at the rate of one for each thousand of the total authorized number of officers and enlisted men of the Navy and Marine Corps, in the grades of assistant dental surgeon, passed assistant dental surgeon, and dental surgeon, who shall constitute the Naval Dental Corps, and

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shall be a part of the Medical Department of the Navy. Original appointments to the Naval Dental Corps shall be made in the grade of assistant dental surgeon with the rank of lieutenant (junior grade), and all dental officers now in the Dental Corps appointed under the provisions of the Act of Congress approved August twenty-second, nineteen hundred and twelve (Statutes at Large, volume thirty-seven, page three hundred and forty-five), or under the provisions of the Act of Congress approved August twenty-ninth, nineteen hundred and sixteen (Satutes at Large, volume thirty-nine, page five hundred and seventy-three), or who may hereafter be appointed, shall take rank and precedence with officers of the Naval Medical Corps of the same rank according to the dates of their respective commissions or original appointments, and all such dental officers shall be eligible for advancement in grade and rank in the same manner and under the same conditions as officers of the Naval Medical Corps with or next after whom they take precedence, and shall receive the same pay and allowances as officers of corresponding rank and length of service in the Naval Medical Corps up to and including the rank of lieutenant commander: *Provided*, That dental surgeons shall be eligible for advancement in pay and allowances, but not in rank, to and including the pay and allowances of commander and captain, subject to such examinations as the Secretary of the Navy may prescribe, except that the number of dental surgeons with the pay and allowances of captain shall not exceed four and one-half per centum and the number of dental surgeons with the pay and allowances of commander shall not exceed eight per centum of the total authorized number of dental officers: *Provided further*, That dental surgeons shall be eligible for advancement to the pay and allowances of commander and captain when their total active service as dental officers in the Navy is such that if rendered as officers of the Naval Medical Corps, it would place them in the list of medical officers with the pay and allowances of commander or captain, as the case may be: *And provided further*, That dental officers who shall have gained or lost numbers on the Navy list shall be considered to have gained or lost service accordingly; and the time served by dental officers on active duty as acting assistant dental surgeons and assistant dental surgeons under provisions of law existing prior to the passage of this Act shall be reckoned in computing the increased service pay and service for precedence and promotion of dental officers herein authorized or heretofore appointed.

["All appointees authorized by this Act shall be citizens of the United States between twenty-one and thirty-two years of age, and shall be graduates of standard medical or dental colleges and trained in the several branches of dentistry, and shall, before appointment, have successfully passed mental, moral, physical, and professional examinations before medical and professional examining

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boards appointed by the Secretary of the Navy, and have been recommended for appointment by such boards: *Provided,* That hereafter no person shall be appointed as assistant dental surgeon in the Navy who is not a graduate of a standard medical or dental college.

["Officers of the Naval Dental Corps shall become eligible for retirement in the same manner and under the same conditions as now prescribed by law for officers of the Naval Medical Corps, except that section fourteen hundred and forty-five of the Revised Statutes of the United States shall not be applicable to dental officers, and they shall not be entitled to rank above lieutenant commander on the retired list, or to retired pay above that of captain.

["All dental officers now serving under probationary appointments shall become immediately eligible for permanent appointment under the provisions of this Act, subject to the examinations prescribed by the Secretary of the Navy for original appointment as dental officers, and may be appointed assistant dental surgeon with the rank of lieutenant (junior grade) to rank from the date of their probationary appointments: *Provided,* That the senior dental officer now at the United States Naval Academy shall not be displaced by the provisions of this Act, and he shall hereafter have the grade of dental surgeon and the rank, pay, and allowances of lieutenant commander, and he shall not be eligible for retirement before he has reached the age of seventy years, except for physical disability incurred in the line of duty: *Provided further,* That no dental officer in the Navy who on original appointment as dental officer was over forty years of age shall be eligible for retirement before he has reached the age of seventy years, except for physical disability incurred in line of duty.

["All Acts or parts of Acts inconsistent with the provisions of this Act relating to the Dental Corps of the Navy are hereby repealed: *Provided,* That nothing herein contained shall be construed to legislate out of the service any officer now in the Medical Department of the Navy or to reduce the rank, pay, or allowances now authorized by law for any officer of the Navy."—Act July 1, 1918.]

[NAVAL FLYING CORPS.—The Naval Flying Corps shall be composed of one hundred and fifty officers and three hundred and fifty enlisted men, detailed, appointed, commissioned, enlisted, and distributed in the various grades, ranks, and ratings of the Navy and Marine Corps as hereafter provided. The said number of officers, student flyers, and enlisted men shall be in addition to the total number of officers and enlisted men which is now or may hereafter be provided by law for the other branches of the naval service.

[The number of officers detailed to duty in aircraft involving actual flying in any one year shall be in accordance with the requirements of the Air Service as deter-

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mined by the Secretary of the Navy: *Provided*, That the officers so detailed from the line of the Navy and from the Marine Corps shall not exceed the total number herein prescribed for the Naval Flying Corps: *Provided further*, That the proportion of line officers of the Navy and of the Marine Corps thus detailed shall be the same as the proportion established for the regular services: *And provided further*, That the student flyers hereinafter provided for shall be in addition to the officers and enlisted men comprising the Naval Flying Corps.

[The officers detailed and the enlisted men of the Naval Flying Corps shall receive the same pay and allowances that are now provided by law for officers and enlisted men of the same grade or rank and rating in the Navy and Marine Corps detailed to duty with aircraft involving actual flying.

[The Secretary of the Navy is hereby authorized to appoint annually in the line of the Navy and the Marine Corps for a period of two years following the passage of this Act, in order of merit as determined by such competitive examinations as he may prescribe, fifteen acting ensigns or acting second lieutenants for the performance of aeronautic duties only. Persons so appointed must be citizens of the United States, and may be appointed from warrant officers or enlisted men of the naval service or from civil life, and must, at the time of appointment, be not less than eighteen or more than twenty-four years of age: *Provided*, That no person shall be so appointed until he has been found physically qualified by a board of medical officers of the Navy for the performance of the duties required: *Provided further*, That the number of such appointments to the line of the Navy and of the Marine Corps shall be in the proportion decided for the regular services. Such appointments shall be for a probationary period of three years and may be revoked at any time by the Secretary of the Navy.

[Such acting ensigns and acting second lieutenants shall be detailed to duty in the Naval Flying Corps in aircraft involving actual flying.

[Such acting ensigns of the Navy and acting second lieutenants of the Marine Corps shall, upon completion of the probationary period of three years, be appointed acting lieutenants of the junior grade, or acting first lieutenants, respectively, by the Secretary of the Navy for the performance of aeronautic duties only after satisfactorily passing such examinations as he may prescribe, and after having been recommended for promotion by the examining board and found physically qualified by a board of medical officers of the Navy. Such appointments shall be for a probationary period of four years and may be revoked at any time by the Secretary of the Navy.

[Such acting lieutenants (junior grade) and acting first lieutenants may elect to qualify for aeronautic duty

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only or to qualify for all the duties of officers of the same grade in the Navy and in the Marine Corps, respectively. Those officers who elect to qualify for aeronautic duty only shall be detailed to duty in the Naval Flying Corps involving actually flying in aircraft. Those officers who elect to qualify for the regular duties of their grade shall be detailed to duty in the regular service for at least two years to allow them to prepare for such qualification.

[Such acting lieutenants (junior grade) and acting first lieutenants who have elected to qualify for aeronautic duty only shall, upon completion of the probationary period of four years, be commissioned in the grade of lieutenant of the line of the Navy or captain of the Marine Corps for aeronautic duties only, after satisfactorily passing such competitive examination as may be prescribed by the Secretary of the Navy to determine their moral, physical, and professional qualifications for such commissions and the order of rank in which they shall be commissioned. Such lieutenants for aeronautic duty only shall be borne on the list as extra numbers, taking rank with and next after officers of the same date of commission.

[Such acting lieutenants (junior grade) and acting first lieutenants who have elected to qualify for the regular duties of the line of the Navy and of the Marine Corps, respectively, shall, upon completion of the probationary period of four years, two years of which shall have been on such regular duties, be commissioned in the grade of the line of the Navy or Marine Corps according to his length of service, after passing satisfactorily such competitive examinations as may be prescribed by the Secretary of the Navy to determine their moral, physical, and professional qualifications for such commissions and to determine the order of rank in which they shall be commissioned. Such officers of the line of the Navy and Marine Corps will be borne upon the lists of their respective corps as extra numbers, taking rank with and next after officers of the regular services of the same date of commissions.

[Acting lieutenants (junior grade) of the line of the Navy for aeronautic duties only and acting first lieutenants of the Marine Corps for aeronautic duty only who have completed the probationary period of four years may, upon examination for commissions to the next higher grade, if recommended by the board of examination, be transferred to the Naval Reserve Flying Corps and commissioned in the same grade or the next higher grade as may be recommended in accordance with their qualifications as determined by the examination: *Provided*, That at any time during such probationary period any such officer can, upon his own request, if his record warrants it, be transferred to the Naval Reserve Flying Corps and commissioned in the acting grade he then

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holds. Any officer of the Naval Flying Corps holding an appointment of student flyer or acting ensign, second lieutenant, lieutenant (junior grade), or first lieutenant, who, upon examination for promotion, is found not qualified shall, if not recommended by the examining board for transfer to the Naval Reserve Flying Corps, be honorably discharged from the naval service.

[Officers commissioned for aeronautic duty only shall be eligible for advancement to the higher grades, not above captain in the Navy or colonel in the Marine Corps, in the same manner as other officers whose employment is not so restricted, except that they shall be eligible to promotion without restriction as to sea duty, and their professional examinations shall be restricted to the duty to which personally assigned: *Provided*, That any such officer must serve at least three years in any grade before being eligible to promotion to the next higher grade.

[Nothing in this Act shall be so construed as to prevent the detail of officers and enlisted men of other branches of the Navy as student aviators or student airmen in such numbers as the needs of the service may require.

[Such officers and enlisted men, while detailed as student aviators and student airmen involving actually flying in aircraft, shall receive the same pay and allowances that are now provided by law for officers and enlisted men of the same grade or rank and rating in the Navy detailed for duty with aircraft.

[The Secretary of the Navy is hereby authorized to appoint annually for a period of four years, from enlisted men of the naval service, or from citizens of the United States in civil life, not to exceed thirty student flyers for instruction and training in aeronautics who shall receive the same pay and allowances as midshipmen at the United States Naval Academy: *Provided*, That persons so appointed must, at the time of appointment, be not less than seventeen or more than twenty-one years of age: *Provided further*, That no person shall be appointed a student flyer until he shall have qualified therefor by such examination as may be prescribed by the Secretary of the Navy.

[The appointment of student flyers shall continue in force for two years, unless sooner revoked by the Secretary of the Navy, in his discretion, and at the end of such period student flyers shall be examined for qualification as qualified aviators: *Provided*, That if such student flyers are not qualified, their appointment will be revoked, or, if recommended by the examining board, they shall be transferred to the Naval Reserve Flying Corps and commissioned as ensigns therein.

[Student flyers shall, after receiving a certificate of qualification as an aviator for actual flying in aircraft, rank with midshipmen, and shall receive the same pay and allowances as midshipmen, plus fifty per centum thereof: *Provided*, That student flyers who have qualified

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as aviators under the provisions of the Act shall be commissioned acting ensigns for aeronautic duties only, after three years' service: *Provided further*, That they shall have been examined by a board of officers of the Naval Flying Corps to determine by a competitive examination prescribed by the Secretary of the Navy their moral, physical, and professional fitness and the order of rank, in which they shall be commissioned: *And provided further*, That any student flyer qualified as an aviator may at any time, in the discretion of the Secretary of the Navy, if his record warrants it, at his own request, be transferred to the Naval Reserve Flying Corps and be commissioned as ensign therein: *And provided further*, That student flyers not considered qualified for commissions as acting ensigns for aeronautic duties only may, upon recommendation of the examining board, be transferred to the Naval Reserve Flying Corps and be commissioned as ensigns therein.

[The Secretary of the Navy is hereby authorized to establish aeronautic schools for the instruction and training of student flyers and prescribe the course of instruction and qualifications for certificate of graduation as a qualified aviator.

[Nothing in this or any other Act shall be so construed as to prevent the temporary detail of officers and enlisted men of any branch of the Navy for duty with aircraft.

[In the event of the death of an officer or enlisted man, or student flyer of the Naval Flying Corps from wounds or disease, the result of an aviation accident, not the result of his own misconduct, received while engaged in actual flying in or in handling aircraft, the gratuity to be paid under the provisions of the Act approved August twenty-second, nineteen hundred and twelve, entitled "An Act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and thirteen, and for other purposes," shall be an amount equal to one year's pay at the rate received by such officer or enlisted man or student flyer at the time of the accident resulting in his death. In all cases where an officer or enlisted man or student flyer of the Navy or Marine Corps dies, or where a student flyer or an enlisted man of the Navy or Marine Corps is disabled by reason of any injury received or disease contracted in line of duty, the result of an aviation accident, received while employed in actual flying in or in handling aircraft, the amount of pension allowed shall be double that authorized to be paid should death or the disability have occurred by reason of an injury received or disease contracted in line of duty not the result of an aviation accident.

[Student flyers and the acting ensigns and acting lieutenants (junior grade) and acting second and first lieutenants for aeronautic duties only provided for herein shall be subject to the laws and regulations and

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orders for the government of the Navy, but shall not be entitled to retirement or retired pay.

[The enlisted personnel of the Naval Flying Corps shall be distributed by the Secretary of the Navy in the various ratings as now obtain in the Navy in so far as such ratings are applicable to duties connected with aircraft.

[Within the first two years after the approval of this Act enlisted men may be transferred from other branches of the Naval Service to the Naval Flying Corps, under regulations established by the Secretary of the Navy governing such transfer and the qualifications for this corps: *Provided*, That the number so transferred shall not exceed one-half the total number of enlisted men allowed by this Act.

[The Secretary of the Navy shall establish regulations governing the term of enlistment, the qualifications, and advancement of the enlisted men of the Flying Corps.

[Any enlisted man who passes satisfactorily the prescribed examination and is recommended by a board of officers may be appointed a student flyer as herein provided.—Act August 29, 1916.]

[HOSPITAL CORPS.—Hereafter the authorized strength of the Hospital Corps of the Navy shall equal three and one-half per centum of the authorized enlisted strength of the Navy and Marine Corps, and shall be in addition thereto, and as soon as the necessary transfers or appointments may be effected the Hospital Corps of the United States Navy shall consist of the following grades and ratings: Chief pharmacists, pharmacists, and enlisted men classified as chief pharmacists' mates; pharmacists' mates, first class; pharmacists' mates, second class; pharmacists' mates, third class; hospital apprentices, first class; and hospital apprentices, second class; such classifications in enlisted ratings to correspond, respectively, to the enlisted ratings, seamen branch, of chief petty officers; petty officers, first class; petty officers, second class; petty officers, third class; seamen, first class; and seamen, second class: *Provided*, That enlisted men of other ratings in the Navy and in the Marine Corps shall be eligible for transfer to the Hospital Corps, and men of that corps to other ratings in the Navy and the Marine Corps.

[The President may hereafter, from time to time, appoint as many pharmacists as may be deemed necessary, from the rating of chief pharmacist's mate, subject to such moral, physical, and professional examinations and requirements as to length of service as the Secretary of the Navy may prescribe: *Provided*, That the pharmacists now in the Hospital Corps of the United States Navy or hereafter appointed therein in accordance with the provisions of this Act shall have the same rank, pay, and allowances as are now or may hereafter be allowed other warrant officers.

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[Pharmacists shall, after six years from the date of warrant, be commissioned chief pharmacists after passing satisfactorily such examinations as the Secretary of the Navy may prescribe, and shall, when so commissioned, have the same rank, pay, and allowances as now or may hereafter be allowed other commissioned warrant officers: *Provided*, That the pharmacists at present in the service who have served or may hereafter serve six or more years in that grade shall be eligible for promotion to the grade of chief pharmacist upon satisfactorily passing the examinations provided for in this Act.

[The Secretary of the Navy is hereby empowered to limit and fix the numbers in the various ratings.

[Section three of an Act entitled, "An Act to organize a Hospital Corps of the Navy of the United States; to define its duties and regulate its pay," approved June seventeenth, eighteen hundred and ninety-eight, be, and the same is hereby, repealed, and the pay, allowances, and emoluments of the enlisted men of the Hospital Corps shall be the same as are now, or may hereafter be, allowed for respective corresponding ratings, except the rating of turret captain of the first class in the seaman branch of the Navy: *Provided*, That the pay of the rating of the chief pharmacist's mate shall be the same as that now allowed for the existing rating of hospital steward.

[Hospital and ambulance service with such commands and at such places as may be prescribed by the Secretary of the Navy shall be performed by members of said corps, and the corps shall be a constituent part of the Medical Department of the Navy; and the enlisted men thereof shall be a part of the enlisted force provided by law for the Navy.

[Officers and enlisted men of the Medical Department of the Navy, serving with a body of marines detached for service with the Army in accordance with the provisions of section sixteen hundred and twenty-one of the Revised Statutes, shall, while so serving, be subject to the rules and articles of war prescribed for the government of the Army in the same manner as the officers and men of the Marine Corps while so serving.—Act August 29, 1916.]

[MEDICAL RESERVE CORPS.—That a Medical Reserve Corps, to be a constituent part of the Medical Department of the Navy, is hereby established under the same provisions, in all respects (except as may be necessary to adapt the said provisions to the Navy) as those providing a Medical Reserve Corps for the Army and as set forth in the act to increase the efficiency of the Medical Department of the United States Army, approved April twenty-third, nineteen hundred and eight.—Act August 22, 1912.]

[DENTAL RESERVE CORPS.—That a Navy Dental Reserve Corps is hereby authorized to be organized and operated under the provisions of the act approved August

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twenty-second, nineteen hundred and twelve, providing for the organization and operation of a Navy Medical Reserve Corps, and differing therefrom in no respect other than that the qualification requirements of the appointees shall be dental surgeons and graduates of reputable schools of medicine or dentistry instead of "reputable schools of medicine," and so many of said appointees may be ordered to temporary active service as the Secretary of the Navy may deem necessary to the health and efficiency of the personnel of the Navy and Marine Corps, provided the whole number of both Naval Dental Corps and Naval Dental Reserve Corps officers in active service shall not exceed in time of peace one to one thousand of the officers and enlisted men of the Navy and Marine Corps: *Provided*, That all officers now in the Navy Dental Reserve Corps shall be recommissioned in the Navy Dental Reserve Corps provided in this act, in the order of their original appointment in said corps, and hereafter when ordered to active duty officers of the Medical Reserve Corps and officers of the Dental Reserve Corps shall receive promotion in rank in the respective Reserve Corps under the same relative conditions and provisions of active service as is provided in this Act for the Naval Dental Corps.—Act August 29, 1916.]

[RULES FOR COMPUTING NUMBER OF STAFF OFFICERS.—That to determine the authorized number of officers in the various grades and ranks of the line and of the staff corps as herein provided, computations shall be made by the Secretary of the Navy semiannually, as of July first and January first of each year, and the resulting numbers in the various grades and ranks, as so computed, shall be held and considered for all purposes as the authorized number of officers in such various grades and ranks and shall not be varied between such dates. * * *

[When there is an odd number of officers in the grade or rank of rear admiral in the line or in each corps, the lower division thereof shall include the excess in number, except where there is but one.

[Whenever a final fraction occurs in computing the authorized number of any corps, grade or rank in the naval service, the nearest whole number shall be regarded as the authorized number: *Provided*, That at least one officer shall be allowed in each grade or rank.

[For the purpose of determining the authorized number of officers in any grade or rank of the line or of the staff corps, there shall be excluded from consideration those officers carried by law as additional numbers, including staff officers heretofore permanently commissioned with the rank of rear admiral, and nothing contained herein shall be held to reduce below that heretofore authorized by law the number of officers in any grade or rank in the staff corps.—Act August 29, 1916.]

[ADVANCEMENT IN RANK OF STAFF OFFICERS.—Officers of the lower grades of the Medical Corps, Pay Corps, Con-

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struction Corps, and Corps of Civil Engineers shall be advanced in rank up to and including the rank of lieutenant commander with the officers of the line with whom or next after whom they take precedence under existing law: *Provided*, That all assistant surgeons shall from date of their original appointment take rank and precedence with lieutenants (junior grade).—Act August 29, 1916.]

[Hereafter all laws relating to the examination of officers of the Navy for promotion shall be construed to apply to the regular advancement of staff officers to higher ranks on the active list, the same as though such advancements in rank were promotions to higher grades: *Provided*, That nothing in this paragraph shall be construed as in any way affecting the original appointment of officers to the Dental Corps as provided in the Act approved August twenty-ninth, nineteen hundred and sixteen, making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and seventeen, and for other purposes, and the time served by dental surgeons as acting or acting assistant dental surgeons shall be reckoned in computing the increased service pay and service for promotion of such as are commissioned under said Act.—Act March 4, 1917.]

[That hereafter all laws relating to the examination of officers of the Navy for promotion shall be construed to apply to the regular advancement of staff officers to higher ranks on the active list the same as though such advancements in rank were promotions to higher grades: *Provided*, That examinations for such staff officers shall not be required except for such regular advancements in rank: *Provided further*, That the President be, and he is hereby, authorized to direct the Secretary of the Navy to take such action on the records of proceedings of naval examining boards and boards of naval surgeons for the promotion of officers of the Navy as is now required by law to be taken by the President.—Act May 22, 1917.]

[RETIREMENT OF LINE AND STAFF OFFICERS.—When an officer of the Navy has been thirty years in the service, he may, upon his own application, in the discretion of the President, be retired from active service and placed upon the retired list with three-fourths of the highest pay of his grade.—Act May 13, 1908.]

[SAME.—That captains, commanders, and lieutenant commanders who become ineligible for promotion on account of age shall be retired on a percentage of pay equal to two and one-half per centum of their shore-duty pay for each year of service: *Provided further*, That the total retired pay shall not exceed seventy-five per centum of the shore-duty pay they were entitled to receive while on the active list.

[Except as herein otherwise provided, hereafter the age of retirement of all officers of the Navy shall be sixty-

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four years instead of sixty-two years as now prescribed by law.—Act August 29, 1916.]

[SAME—RETIREMENT WITH INCREASED RANK.—Hereafter, if any officer of the United States Navy shall fail in his physical examination for promotion and be found incapacitated for service by reason of physical disability contracted in the line of duty, he shall be retired with the rank to which his seniority entitled him to be promoted.—Act March 4, 1911.]

[SAME—RETIREMENT OF OFFICER SELECTED FOR PROMOTION.—That any officer so selected shall prior to promotion be subject in all respects to the examinations prescribed by law for officers promoted by seniority, and in case of failure to pass the required professional examination such officer shall thereafter be ineligible for selection and promotion. And should any such officer fail to pass the required physical examination he shall not be considered, in the event of retirement, entitled to the rank of the next higher grade.—Act August 29, 1916.]

[SAME—ACTIVE DUTY.—Hereafter any naval officer on the retired list may, with his consent, in the discretion of the Secretary of the Navy, be ordered to such duty as he may be able to perform at sea or on shore, and while so employed in time of peace shall receive the pay and allowances of an officer of the active list of the same rank: *Provided*, That no such retired officer so employed on active duty shall receive in time of peace, any greater pay and allowances than the pay and allowances which are now or may hereafter be provided by law for a lieutenant senior grade on the active list of like length of service: *And provided further*, That any such officer whose retired pay exceeds the highest pay and allowances of the grade of lieutenant senior grade, shall, while so employed in time of peace, receive his retired pay only, in lieu of all other pay and allowances.—Act August 22, 1912.]

[SAME.—No officer who, after having commanded a fleet in active commission, has been retired for age and whom, in the judgment of the Secretary of the Navy, the public interests make it necessary to retain for a time after said retirement and who is performing active duty as chairman of the executive committee of the General Board, shall, for the period so retained, suffer any reduction in the emoluments he was receiving at the time of his retirement: *Provided*, That hereafter any retired officer of the naval service who shall be detailed on active duty shall, while so serving, receive the active duty pay and allowances of the grade, not above that of lieutenant commander in the Navy or of major in the Marine Corps, that he would have attained in due course of promotion if he had remained on the active list for a period beyond the date of his retirement equal to the total amount of time during which he has been detailed on active duty since his retirement: *Provided*, That nothing herein shall be construed to reduce the pay of any retired officer on

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active duty whose retired pay exceeds the active duty pay and allowances for the grade of lieutenant commander.—Act August 29, 1916.]

[RESTORATION TO ACTIVE LIST OF RETIRED OFFICERS.—See note to section 9.]

[PAY AND ALLOWANCES OF REAR ADMIRALS.—Hereafter pay and allowances of officers in the upper half of the grade or rank of rear admiral, including the staff corps and including staff officers heretofore permanently commissioned with the rank of rear admiral, shall be that now allowed by law for the first nine rear admirals, and the pay and allowances of officers in the lower half of the grade or rank of rear admiral, including the staff corps, shall be that now allowed by law for the second nine rear admirals.—Act August 29, 1916.]

[PROMOTION OF LIEUTENANTS (JUNIOR GRADE).—That lieutenants (junior grade) shall have had not less than three years' service in that grade before being eligible for promotion to the grade of lieutenant.—Act August 29, 1916.]

[PAY AND RETIREMENT OF CHIEFS OF BUREAUS.—That the pay and allowances of chiefs of bureaus in the Navy Department shall be the highest pay of the grade to which they belong, and not below that of rear admiral of the lower nine, * * * That any officer of the Navy who is now serving or shall hereafter serve as chief of a bureau in the Navy Department, and shall subsequently be retired, shall be retired with the rank, pay, and allowances authorized by law for the retirement of such bureau chief.—Act May 13, 1908.]

[SAME.—The pay and allowances of chiefs of bureaus of the Navy Department shall be the highest shore-duty pay and allowances of the rear admiral of the lower nine; and all officers of the Navy who are now serving or shall hereafter serve as chief of bureau in the Navy Department and are eligible for retirement after thirty years' service, shall have, while on the active list, the rank, title, and emoluments of a chief of bureau, in the same manner as is already provided by statute law for such officers upon retirement by reason of age or length of service, and such officers, after thirty years' service, shall be entitled to and shall receive new commissions in accordance with the rank and title hereby conferred.—Act June 24, 1910.]

[SAME.—That the portion of the act entitled "An act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and eleven, and for other purposes," approved June twenty-fourth, nineteen hundred and ten, which reads as follows:

["The pay and allowances of chiefs of bureaus of the Navy Department shall be the highest shore-duty pay and allowances of the rear admiral of the lower nine, and all officers of the Navy who are now serving or who shall hereafter serve as chief of bureau in the Navy De-

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partment, and are eligible for retirement after thirty years' service, shall have, while on the active list, the rank, title, and emoluments of a chief of bureau, in the same manner as is already provided by statute law for such officers upon retirement by reason of age or length of service, and such officers, after thirty years' service, shall be entitled to and shall receive new commissions in accordance with the rank and title hereby conferred," be, and the same is hereby, repealed: *Provided*, That no officer who has received his commission under the provisions of said act shall be deprived of said commission or the rank, title, and emoluments thereof by virtue of this repeal."—Act August 22, 1912.]

[SAME.—And hereafter chiefs of bureaus of the Navy Department, including the Judge Advocate General of the Navy, shall, while so serving, have corresponding rank and shall receive the same pay and allowances as are now or may hereafter be prescribed by or in pursuance of law for chiefs of bureaus of the War Department and the Judge Advocate General of the Army.—Act July 1, 1918.]

[SAME.—Any officer with the permanent rank of rear admiral who has heretofore served a full term and is now serving as chief of any bureau of the Navy Department shall be credited with service for all purposes as provided by section 1486 of the Revised Statutes, and nothing herein contained shall operate to increase the rank or pay of any such officer as now authorized by law.—Act July 11, 1919.]

[LINE OFFICERS DETAILED UNDER STAFF OFFICERS.—That line officers may be detailed for duty under staff officers in the manufacturing and repair departments of the navy yards and naval stations, and all laws or parts of laws in conflict herewith are hereby repealed.—Act June 24, 1910.]

[PRECEDENCE, NAVAL RESERVE OFFICERS.—That when on active duty officers of the Naval Reserve Force shall take precedence among themselves and with other officers of the naval service in their respective grades or ranks according to the dates of their commissions or provisional assignment of rank in the Naval Reserve Force: *Provided*, That all officers of the Naval Reserve Force of and above the rank of lieutenant commander shall rank with but after officers of the same rank or grade in the United States Navy, except that in time of war or other national emergency such officers of the Naval Reserve Force shall have a date of precedence with officers of the United States Navy as of the date of general mobilization, to be established by the Secretary of the Navy.—Act of July 1, 1918.]

[CIVIL ENGINEER CORPS.—That the appointment of six additional civil engineers is hereby authorized, three to be appointed during the present calendar year, and

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the other three in the calendar year nineteen hundred and three.—Act July 1, 1902.]

[SAME.—The grades of the active list of the Navy hereinafter designated shall be so increased that there shall be * * * one additional civil engineer, in all twenty-eight; and twelve assistant civil engineers, of whom six shall have the rank of lieutenant (junior grade) and six the rank of ensign: *Provided*, That assistant civil engineers, during the first five years after date of appointment, shall receive, per annum, when on duty, one thousand five hundred dollars, when on leave or waiting orders, one thousand dollars; during the second five years after such date, when on duty, one thousand eight hundred dollars, when on leave or waiting orders, one thousand two hundred dollars; and after ten years from such date, when on duty, two thousand one hundred dollars, and when on leave or waiting orders, one thousand four hundred dollars: *And provided further*, That promotions in the corps of civil engineers shall be after such examination as the Secretary of the Navy may prescribe.—Act March 3, 1903.]

[SAME.—That from and after the passage of this act the allowances of civil engineers and professors of mathematics in the Navy shall be the same as are or may be provided by or in pursuance of law for naval constructors, and the allowances of assistant civil engineers the same as for assistant naval constructors.—Act June 29, 1906.]

[SAME.—The total authorized number of commissioned officers of the active list of the following staff corps, exclusive of commissioned warrant officers, shall be based on percentages of the total number of commissioned officers of the active list of the line of the Navy as follows: * * * Corps of Civil Engineers, two per centum; * * * The total number of commissioned officers of the active list of the following mentioned staff corps at any one time, exclusive of commissioned warrant officers, shall be distributed in the various grades of the respective corps as follows: * * *

[CORPS OF CIVIL ENGINEERS: One-half civil engineers with the rank of rear admiral to five and one-half civil engineers with the rank of captain, to fourteen civil engineers with the rank of commander, to eighty civil engineers and assistant civil engineers with the rank below commander.—Act August 29, 1916.]

[Officers of the Corps of Civil Engineers, hereafter appointed shall, from the date of their original appointment, take rank and precedence with lieutenants (junior grade).—Act March 4, 1917.]

[CHIEF OF BUREAU OF YARDS AND DOCKS.—That the Chief of the Bureau of Yards and Docks shall be selected from the members of the Corps of Civil Engineers of the Navy having not less than seven years' active service.—Act June 29, 1906.]

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[ASSISTANT TO CHIEF OF BUREAU OF YARDS AND DOCKS.—Hereafter an officer of the Corps of Civil Engineers may be detailed as assistant to the Chief of the Bureau of Yards and Docks and an officer of the Corps of Naval Constructors as assistant to the Chief of Bureau of Construction and Repair; and, in case of death, resignation, absence, or sickness of the chief of bureau, shall, unless otherwise directed by the President, as provided by section one hundred and seventy-nine of the Revised Statutes, perform the duties of such chief until his successor is appointed or such absence or sickness shall cease; and hereafter an officer of the line of the Navy or Marine Corps.—Act August 29, 1916.]

SEC. 8. That officers of the line in the grades of captain, commander, and lieutenant-commander may, by official application to the Secretary of the Navy, have their names placed on a list which shall be known as the list of "Applicants for voluntary retirement," and when at the end of any fiscal year the average vacancies for the fiscal years subsequent to the passage of this act above the grade of commander have been less than thirteen, above the grade of lieutenant-commander less than twenty, above the grade of lieutenant less than twenty-nine, and above the grade of lieutenant (junior grade) less than forty, the President may, in the order of the rank of the applicants, place a sufficient number on the retired list with the rank and three-fourths the sea pay of the next higher grade, as now existing, including the grade of commodore, to cause the aforesaid vacancies for the fiscal year then being considered.

[NO INCREASED RANK OR PAY ON RETIREMENT.—That hereafter any officer retired under the provisions of sections eight and nine of the act approved March third, eighteen hundred and ninety-nine, an act to reorganize and increase the efficiency of the personnel of the Navy and Marine Corps of the United States, shall be retired with the rank and three-fourths the sea pay of the grade from which he is retired.—Act August 22, 1912.]

SEC. 9. That should it be found at the end of any fiscal year that the retirements pursuant to the provisions of law now in force, the voluntary retirements provided for in this act, and casualties are not sufficient to cause the average vacancies enumerated in section eight of this act, the Secretary of the Navy shall, on or about the first day of June, convene a board of five rear-admirals, and shall place at its disposal the service and medical records on file in the Navy Department of all the officers in the grades of captain, commander, lieutenant-commander, and lieutenant. The board shall then select, as soon as practicable after the first day of July, a sufficient number of officers from the before-mentioned grades, as constituted on the thirtieth day of June of that year, to cause the average vacancies enumerated in section eight of this act. Each member of said board shall swear, or

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affirm, that he will, without prejudice or partiality, and having in view solely the special fitness of officers and the efficiency of the naval service, perform the duties imposed upon him by this act. Its finding, which shall be in writing, signed by all the members, not less than four governing, shall be transmitted to the President, who shall thereupon, by order, make the transfer of such officers to the retired list as are selected by the board: *Provided*, That not more than five captains, four commanders, four lieutenant-commanders, and two lieutenants are so retired in any one year. The promotions to fill the vacancies thus created shall date from the thirtieth day of June of the current year: *And provided further*, That any officer retired under the provisions of this section shall be retired with the rank and three-fourths the sea pay of the next higher grade, including the grade of commodore, which is retained on the retired list for this purpose.

[SECTION 9, PERSONNEL ACT, REPEALED.—Section nine of the naval personnel act of March third, eighteen hundred and ninety-nine, entitled "An act to reorganize and increase the efficiency of the personnel of the Navy and Marine Corps of the United States," be, and the same is hereby, repealed.—Act March 3, 1915.]

[RESTORATION TO ACTIVE LIST OF RETIRED OFFICERS.—That the President be, and he is hereby, authorized, within two years of the date of the approval of this act, by and with the advice and consent of the Senate, to transfer to the active list of the Navy or Marine Corps any officer who may have been transferred from the active to the retired list of the Navy under the provisions of section nine of said personnel act: *Provided*, That such officer shall be transferred to the place on the active list which he would have held if he had not been retired and shall be carried as an additional number in the grade to which he may be transferred or at any time thereafter promoted: *Provided further*, That such officer shall stand a satisfactory physical and professional examination as now prescribed by law: *And provided further*, That any officer transferred to the active list shall not by the passage of this act be entitled to back pay or allowances of any kind.—Act March 3, 1915.]

[SAME.—That the President be, and he is hereby, authorized to appoint the following-named officers now on the retired list of the United States Navy to the grade and rank on the active list of the United States Navy, as hereinafter provided:

[Commodore Ten Eyck De Witt Veeder, retired, to be a rear admiral on the active list, to take rank next after Rear Admiral Austin M. Knight, United States Navy; Captain Templin Morris Potts, retired, to be a rear admiral on the active list, to take rank next after Rear Admiral William B. Caperton, United States Navy; Captain John Henry Gibbons, retired, to be a

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captain on the active list, to take rank next after Captain Frank M. Bennett, United States Navy; Captain Frank Kinsey Hill, retired, to be a captain on the active list, to take rank next after Captain Clarence S. Williams, United States Navy; Captain Armistead Rust, retired, to be a captain on the active list, to take rank next after Captain Robert L. Russell, United States Navy; Captain John Gardner Quinby, retired, to be a rear admiral on the active list, to take rank next after Rear Admiral Thomas S. Rodgers, United States Navy; Captain John Morris Ellicott, retired, to be a captain on the active list, to take rank next after Captain Robert B. Higgins, United States Navy; Captain Frank W. Kellogg, retired, to be a captain on the active list, to take rank next after Captain Thomas Snowden, United States Navy; Commander Allen M. Cook, retired, to be a commander on the active list and to take rank next after Commander John R. Brady, United States Navy; Commander Emmet R. Pollock, retired, to be a commander on the active list, to take rank next after Commander Andre Morton Procter, United States Navy; Captain Washington Irving Chambers, retired, to be a rear admiral on the active list, to take rank next after Rear Admiral Walter McLean, United States Navy; Commander George N. Hayward, retired, to be a captain on the active list, to take rank next after Captain Lloyd H. Chandler, United States Navy: *Provided*, That the aforesaid officers shall establish to the satisfaction of the Secretary of the Navy, by the usual examination prescribed by law, their physical, mental, moral, and professional fitness to perform the duties of the grade on the active list to which they are hereby restored: *Provided further*, That the aforesaid officers shall be carried as additional numbers in the grade to which they may be appointed under this Act, or at any time thereafter promoted: *Provided further*, That the aforesaid officers shall not by the passage of this Act be entitled to back pay or allowances of any kind.

* * * * *

[The President is hereby authorized, within two years after the approval of this Act, by and with the advice and consent of the Senate, to transfer to the active list of the Marine Corps or Navy Pay Corps any officer under fifty years of age who may have been transferred from the active list to the retired list of the Marine Corps or Navy Pay Corps by the action of any retiring board for physical disability incurred in the line of duty: *Provided*, That such officer shall be transferred to the place on the active list which he would have had if he had not been retired, and shall be carried as an additional number in the grade to which he may be transferred or at any time thereafter promoted: *Provided further*, That such officer shall establish to the satisfaction of the Secretary of the Navy his mental, moral, professional, and physical quali-

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fications to perform the duties on the active list of the grade to which he is transferred.—Act August 29, 1916.]

SEC. 10. That of the naval constructors five shall have the rank of captain, five of commander, and all others that of lieutenant commander or lieutenant. Assistant naval constructors shall have the rank of lieutenant or lieutenant (junior grade). Assistant naval constructors shall be promoted to the grade of naval constructor after not less than eight or more than fourteen years' service as assistant naval constructor: *Provided*, That the whole number of naval constructors and assistant naval constructors on the active list shall not exceed forty in all.

[INCREASE IN CONSTRUCTION CORPS.—That, in addition to the number of naval constructors and assistant naval constructors now authorized, the appointment of six assistant naval constructors is hereby authorized, two to be appointed during the present calendar year and the remaining four in the calendar year of nineteen hundred and three.—Act July 1, 1902.]

[SAME.—The grades of the active list of the Navy hereinafter designated shall be so increased that there shall be * * * twenty-nine additional naval constructors and assistant naval constructors, in all seventy-five.—Act March 3, 1903.]

[SAME.—Officers of the line of the Navy who have had not less than three years' service in the grade of ensign and have taken or are taking satisfactorily a post-graduate course in naval architecture under orders from the Secretary of the Navy shall be eligible for transfer to the grade of assistant naval constructor: *Provided*. That there shall not be more than five such transfers in any one calendar year and that the total increase in the number of naval constructors and assistant naval constructors by reason of such transfers shall not exceed twenty-four.—Act March 3, 1915.]

[SAME.—The total authorized number of commissioned officers of the active list of the following staff corps, exclusive of commissioned warrant officers, shall be based on percentages of the total number of commissioned officers of the active list of the line of the Navy as follows: * * * Construction Corps, five per centum; * * *. The total number of commissioned officers of the active list of the following mentioned staff corps at any one time, exclusive of commissioned warrant officers, shall be distributed in the various grades of the respective corps as follows: * * *

[Construction Corps: One-half naval constructors with the rank of rear admiral to eight and one-half naval constructors with the rank of captain, to fourteen naval constructors with the rank of commander, to seventy-seven naval constructors and assistant naval constructors with rank below commander: *Provided*, That vacancies in the Construction Corps shall be filled in the manner now prescribed by law, at such annual rate as the Secretary

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of the Navy may prescribe: *Provided further,* That hereafter ensigns of not less than one year's service as such shall be eligible for transfer to the Construction Corps.—Act August 29, 1916.]

[DUTIES OF CONSTRUCTION CORPS.—That officers who now perform engineering duty on shore only and officers of the Construction Corps shall be eligible for any shore duty compatible with their rank and grade to which the Secretary of the Navy may assign them.—Act June 30, 1914.]

SEC. 11. That any officer of the Navy, with a creditable record, who served during the Civil War, shall, when retired, be retired with the rank and three-fourths the sea pay of the next higher grade.

[RETIREMENT OF MARINE OFFICERS.—That officers of the Marine Corps with creditable records who served during the civil war shall, when retired, be retired in like manner and under the same conditions as provided for officers of the Navy who served during the civil war.—Act April 27, 1904.]

[SAME.—That any officer of the Marine Corps below the grade of brigadier general who served with credit as an officer or as an enlisted man in the regular or volunteer forces during the civil war prior to April ninth, eighteen hundred and sixty-five, otherwise than as a cadet, and whose name is borne on the official register of the Marine Corps, and who has heretofore been, or may hereafter be, retired on account of wounds or disability incident to the service, or on account of age or after forty years' service, may, in the discretion of the President, by and with the advice and consent of the Senate, be placed on the retired list of the Marine Corps with the rank and retired pay of one grade above that actually held by him at the time of retirement: *Provided,* That this act shall not apply to any officer who received an advance of grade since the date of his retirement or who has been restored to the Marine Corps and placed on the retired list by virtue of the provisions of a special act of Congress.—Act June 29, 1906.]

[RETIREMENT OF OFFICERS BELOW REAR ADMIRAL.—That any officer of the Navy not above the grade of captain who served with credit as an officer or as an enlisted man in the regular or volunteer forces during the Civil War prior to April ninth, eighteen hundred and sixty-five, otherwise than as a cadet, and whose name is borne on the official register of the Navy, and who has heretofore been, or may hereafter be, retired on account of wounds or disability incident to the service or on account of age or after forty years' service, may, in the discretion of the President, by and with the advice and consent of the Senate, be placed on the retired list of the Navy with the rank and retired pay of one grade above that actually held by him at the time of retirement: *Provided,* That this act shall not apply to any officer who received an

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advance of grade at or since the date of his retirement or who has been restored to the Navy and placed on the retired list by virtue of the provisions of a special act of Congress.—Act June 29, 1906.]

[SECTION 11, PERSONNEL ACT, REVIVED.—The provisions of the act approved June twenty-ninth, nineteen hundred and six, entitled "An act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and seven, and for other purposes," providing for the retirement in the next higher grade of officers of the Navy who served during the Civil War, shall not operate to deprive any officer of the Navy who has been, or may be, retired, since the passage of that act, of the right to increased rank and pay to which, but for the passage of said act, he would have been entitled.—Act March 3, 1909.]

[COMMISSIONS TO RETIRED OFFICERS WITH ADVANCED RANK.—That commissioned officers of the Army, Navy, and Marine Corps on the retired list whose rank has been or shall hereafter be advanced by operation of or in accordance with law shall be entitled to and shall receive commissions in accordance with such advanced rank.—Act March 4, 1911.]

[ADVANCEMENT ON ACTIVE LIST FOR WAR SERVICE.—That the advancement in rank of officers of the Navy and Marine Corps, whensoever made, for service rendered during the war with Spain, pursuant, respectively, to the provisions of sections fifteen hundred and six and sixteen hundred and five of the Revised Statutes, shall not interfere with the regular promotion of officers otherwise entitled to promotion, but officers so advanced, by reason of war service, shall, after they are promoted to higher grades, be carried thereafter as addition to the numbers of each grade to which they may at any time be promoted; and each such officer shall hereafter be promoted in due course, contemporaneously with and to take rank next after the officer immediately above him; and all advancements made by reason of war service shall be appropriately so designated upon the official Navy list: *Provided, however*, That no promotion shall be made to fill a vacancy occasioned by the promotion, retirement, death, resignation, or dismissal of any officer who, at the time of such promotion, retirement, death, resignation, or dismissal, is an additional member of his grade under the foregoing provisions.—Act March 3, 1901.]

SEC. 12. That boatswains, gunners, carpenters, and sailmakers shall after ten years from date of warrant be commissioned chief boatswains, chief gunners, chief carpenters, and chief sailmakers, to rank with, but after, ensign: *Provided*, That the chief boatswains, chief gunners, chief carpenters, and chief sailmakers shall on promotion have the same pay and allowances as are now allowed a second lieutenant in the Marine Corps: *Provided*, That the pay of boatswains, gunners, carpenters,

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and sailmakers shall be the same as that now allowed by law: *Provided further*, That nothing in this act shall give additional rights to quarters on board ship or to command, and that immediately after the passage of this act boatswains, gunners, carpenters, and sailmakers, who have served in the Navy as such for fifteen years, shall be commissioned in accordance with the provisions of this section, and thereafter no warrant officer shall be promoted until he shall have passed an examination before a board of chief boatswains, chief gunners, chief carpenters, and chief sailmakers, in accordance with regulations prescribed by the Secretary of the Navy.

[COMMISSIONED AFTER SIX YEARS FROM DATE OF WARRANT.—And boatswains, gunners, carpenters, and sailmakers shall be eligible for appointment as chief boatswains, chief gunners, chief carpenters, and chief sailmakers after six years from date of warrant.—Act April 27, 1904.]

[APPOINTMENTS AS CHIEF MACHINISTS.—The title of warrant machinist is hereby changed to machinist; and all machinists shall, after six years from date of warrant, be commissioned chief machinists, to rank with, but after, ensign, and shall, on promotion, have the same pay and allowances as are allowed chief boatswains, chief gunners, chief carpenters, and chief sailmakers, and no machinist shall be promoted until he shall have passed such examination before a board as the Secretary of the Navy may prescribe, and no warrant officer, heretofore or hereafter promoted six years from date of warrant, shall suffer a reduction in pay which, but for such promotion, would have been received by him.—Act March 3, 1909.]

[APPOINTMENTS AS CHIEF PHARMACISTS.—That pharmacists shall, after six years from date of warrant, be commissioned chief pharmacists after passing satisfactorily such examination as the Secretary of the Navy may prescribe, and shall, on promotion, have the rank, pay, and allowances of chief boatswains.—Act August 22, 1912.]

[SAME.—Pharmacists shall, after six years from the date of warrant, be commissioned chief pharmacists after passing satisfactorily such examinations as the Secretary of the Navy may prescribe, and shall, when so commissioned, have the same rank, pay, and allowances as now or may hereafter be allowed other commissioned warrant officers: *Provided*, That the pharmacists at present in the service who have served or may hereafter serve six or more years in that grade shall be eligible for promotion to the grade of chief pharmacist upon satisfactorily passing the examinations provided for in this act.—Act August 29, 1916.]

[APPOINTMENTS AS PAY CLERKS AND CHIEF PAY CLERKS.—The title of paymaster's clerk in the United States Navy is hereby changed to pay clerk, and hereafter all pay clerks shall be warranted from acting pay clerks, who shall be appointed from enlisted men in the Navy holding acting or permanent appointments as chief

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petty officers who have served at least three years as enlisted men, at least two years of which service must have been on board a cruising vessel of the Navy. All appointments as acting pay clerks shall be made by the Secretary of the Navy, and all such appointees, in addition to the qualifications above set forth, must be citizens of the United States. All acting appointments herein provided for shall be made permanent under regulations established by the Secretary of the Navy: *Provided*, That paymasters' clerks now in the Navy whose total service as such is less than one year and who are citizens of the United States may, upon the passage of this act, be given appointments as acting pay clerks without previous service as enlisted men: *Provided further*, That paymasters' clerks now in the service and former paymasters' clerks whose appointments have been revoked within six months next preceding the passage of this act who have had not less than one year's actual service as such, and who are citizens of the United States, may, upon the passage of this act, be warranted as pay clerks without previous service as enlisted men or as acting pay clerks: *And provided further*, That pay clerks and acting pay clerks shall have the same pay, allowances, and other benefits as are now or may hereafter be allowed other warrant officers and acting warrant officers, respectively.

[That all pay clerks shall, after six years' service as such, be commissioned chief pay clerks and shall on promotion have the rank, pay, and allowances of chief boatswain: *Provided*, That in computing the six years' service herein provided for credit shall be given for all service in the Navy as pay clerks, acting pay clerks, and paymaster's clerk: *Provided further*, That paymasters' clerks now in the Navy and former paymasters' clerks whose appointments have been revoked within six months next preceding the passage of this act who have had not less than six years' actual service as such, and who are citizens of the United States, may, upon the passage of this act, be commissioned as chief pay clerks without previous service as enlisted men, acting pay clerks, or pay clerks.

[That the total number of chief pay clerks, pay clerks, and acting pay clerks allowed by this act shall not exceed one for each two hundred and fifty enlisted men in the United States Navy now or hereafter allowed by law, and such chief pay clerks, pay clerks, and acting pay clerks shall be assigned to duty with pay officers under such rules as the Secretary of the Navy may prescribe: *Provided*, That no person shall be appointed a chief pay clerk, pay clerk, or acting pay clerk under any provisions contained in this act until his physical, mental, moral, and professional qualifications have been satisfactorily established by examination before a board of examining officers appointed by the Secretary of the Navy from officers of the pay corps when practicable and according

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to such regulations as he may prescribe: *Provided further*, That no person shall be appointed a chief pay clerk, pay clerk, or acting pay clerk unless his accumulated previous service in the Army, Navy, and Marine Corps, together with his possible future service prior to attaining the age of sixty-two years, will amount to at least thirty years, except that this proviso shall not apply to such persons as were serving in the Navy as paymasters' clerks during the period from September first, nineteen hundred and thirteen, to October thirty-first, nineteen hundred and thirteen.

[That the limitation as to age contained in section thirteen hundred and seventy-nine of the Revised Statutes of the United States, relating to appointment of assistant paymasters in the United States Navy, shall not apply to chief pay clerks and pay clerks appointed under the provisions of this act, who must be between the ages of twenty-one and thirty-five years at the time of appointment as assistant paymasters in the United States Navy: *Provided*, That this shall not be construed as giving any preference in said appointment of assistant paymasters to said chief pay clerks and pay clerks except as to the limitation of age.

[That sections thirteen hundred and eighty-six, thirteen hundred and eighty-seven, and thirteen hundred and eighty-eight of the Revised Statutes, and all acts and parts of acts, so far as they are in conflict with the provisions of this act, be, and the same are hereby, repealed.—Act March 3, 1915.]

[PAY OF COMMISSIONED WARRANT OFFICERS WITH CREDITABLE RECORDS.—Hereafter chief boatswains, chief gunners, chief machinists, chief carpenters, chief sail makers, chief pharmacists, and chief pay clerks, on the active list with creditable records, shall, after six years from date of commission, receive the pay and allowances that are now or may hereafter be allowed a lieutenant (junior grade), United States Navy: *Provided*, That chief boatswains, chief gunners, chief machinists, chief carpenters, chief sail makers, chief pharmacists, and chief pay clerks, on the active list with creditable records, shall, after twelve years from date of commission, receive the pay and allowances that are now or may hereafter be allowed a lieutenant, United States Navy.—Act August 29, 1916.]

[INCREASED PAY FOR WARRANT OFFICERS.—The pay of all warrant officers and mates is hereby increased twenty-five per centum.—Act May 13, 1908.]

[Hereafter the pay of warrant officers while on shore duty during the fourth three years' service shall be $1,750 per annum.—Act March 4, 1917.]

[ALLOWANCES TO WARRANT OFFICERS.—Warrant officers shall receive the same allowances of heat and light as are now or may hereafter be allowed an ensign, United States Navy.—Act August 29, 1916.]

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[LEAVE ALLOWED WARRANT OFFICERS.—Warrant officers shall be allowed such leave of absence, with full pay, as is now or may hereafter be allowed other officers of the United States Navy.—Act August 29, 1916.]

[ENSIGNS APPOINTED FROM WARRANT OFFICERS.—Whenever, in view of the vacancies in the grade of ensign on July thirtieth of any year unfilled by graduates of the Naval Academy, the Secretary of the Navy shall so recommend, the President may appoint to that grade, as of July thirtieth, from among the boatswains, gunners, or warrant machinists not exceeding six in any one calendar year. No person shall be so appointed who is over thirty-five years of age; who has served less than six years as a warrant officers; who is not recommended by a commanding officer under whom he has served; nor until he shall have passed such competitive examination as may be prescribed by the Navy Department.—Act March 3, 1901.]

[SAME.—Hereafter in each calendar year there may, under the restrictions imposed by existing law, be appointed from the boatswains, gunners, and warrant machinists of the Navy twelve ensigns.—Act March 3, 1903.]

[SAME.—That subject to the restrictions imposed by existing law, boatswains, gunners, and warrant machinists shall be eligible for appointment to the grade of ensign after four years' service as warrant officers.—Act April 27, 1904.]

[ENSIGNS APPOINTED FROM CHIEF WARRANT OFFICERS.—That chief boatswains, chief gunners, and chief machinists shall be eligible for appointment to the grade of ensign under the restrictions imposed by law upon the appointment of boatswains, gunners, and warrant machinists to that grade.—Act March 3, 1909.]

SEC. 13. That, after June thirtieth, eighteen hundred and ninety-nine, commissioned officers of the line of the Navy and of the Medical and Pay Corps shall receive the same pay and allowances, except forage, as are or may be provided by or in pursuance of law for the officers of corresponding rank in the Army: *Provided*, That such officers when on shore shall receive the allowances, but fifteen per centum less pay than when on sea duty; but this provision shall not apply to warrant officers commissioned under section 12 of this act: *Provided further*, That when naval officers are detailed for shore duty beyond seas they shall receive the same pay and allowances as are or may be provided by or in pursuance of law for officers of the Army detailed for duty in similar places: *Provided further*, That naval chaplains, who do not possess relative rank, shall have the rank of lieutenant in the Navy; and that all officers, including warrant officers, who have been or may be appointed to the Navy from civil life shall, on the date of appointment, be credited for computing their pay, with five years' service. And all provisions of law authorizing the distribution among captors of the whole or any portion of the pro-

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ceeds of vessels, or any property hereafter captured, condemned as prize, or providing for the payment of bounty for the sinking or destruction of vessels of the enemy hereafter occurring in time of war, are hereby repealed: *And provided further,* That no provision of this act shall operate to reduce the present pay of any commissioned officer now in the Navy; and in any case in which the pay of such an officer would otherwise be reduced he shall continue to receive pay according to existing law: *And provided further,* That nothing in this act shall operate to increase or reduce the pay of any officer now on the retired list of the Navy.

[PAY OF OFFICERS ON THE ACTIVE LIST.—Hereafter all commissioned officers of the active list of the Navy shall receive the same pay and allowances according to rank and length of service, and the annual pay of each grade shall be as follows: For admiral, thirteen thousand five hundred dollars; rear admiral, first nine, eight thousand dollars; rear admiral, second nine, or commodore, six thousand dollars; captain, four thousand dollars; commander, three thousand five hundred dollars; lieutenant commander, three thousand dollars; lieutenant, two thousand four hundred dollars; lieutenant, junior grade, two thousand dollars; ensign, one thousand seven hundred dollars. There shall be allowed and paid to each commissioned officer below the rank of rear admiral ten per centum of his current yearly pay for each term of five years service in the Army, Navy, and Marine Corps. The total amount of such increase for length of service shall in no case exceed forty per centum on the yearly pay of the grade as provided by law: *Provided,* That the annual pay of captain shall not exceed five thousand dollars per annum; of commander, four thousand five hundred dollars per annum; and of lieutenant commander four thousand dollars per annum. * * * The pay of midshipmen shall hereafter be six hundred dollars per annum while at the Naval Academy, and one thousand four hundred dollars per annum after graduation from the Naval Academy. The pay of all warrant officers and mates is hereby increased twenty-five per centum. * * * Aids to rear admirals embraced in the nine lower numbers of that grade shall each receive one hundred and fifty dollars additional per annum, and aids to all other rear admirals, two hundred dollars additional per annum each.—Act May 13, 1908.]

[SAME.—The annual pay of an admiral shall be $10,000, and of a vice admiral $9,000.—Act March 3, 1915.]

[SAME.—Hereafter the Chief of Naval Operations, while so serving as such Chief of Naval Operations, shall have the rank and title of admiral, to take rank next after the Admiral of the Navy, and shall, while so serving as Chief of Naval Operations, receive the pay of $10,000 per annum and no allowances. * * *

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[Hereafter pay and allowances of officers in the upper half of the grade or rank of rear admiral, including the staff corps and including staff officers heretofore permanently commissioned with the rank of rear admiral, shall be that now allowed by law for the first nine rear admirals, and the pay and allowances of officers in the lower half of the grade or rank of rear admiral, including the staff corps, shall be that now allowed by law for the second nine rear admirals.

* * * * *

[Hereafter chief boatswains, chief gunners, chief machinists, chief carpenters, chief sail makers, chief pharmacists, and chief pay clerks, on the active list with creditable records, shall, after six years from date of commission, receive the pay and allowances that are now or may hereafter be allowed a lieutenant (junior grade), United States Navy: *Provided*, That chief boatswains, chief gunners, chief machinists, chief carpenters, chief sail makers, chief pharmacists, and chief pay clerks, on the active list with creditable records, shall, after twelve years from date of commission, receive the pay and allowances that are now or may hereafter be allowed a lieutenant, United States Navy.

[Warrant officers shall receive the same allowances of heat and light as are now or may hereafter be allowed an ensign, United States Navy.

[Warrant officers shall be allowed such leave of absence with full pay, as is now or may hereafter be allowed other officers of the United States Navy. * * *

[Nothing contained in this act shall be construed to reduce the rank, pay, or allowances of any officer of the Navy or Marine Corps as now provided by law. * * *

[Hereafter all commissioned officers of the active list of the Navy shall receive the same pay and allowances according to rank and length of service: *Provided*, That this provision shall not be construed to reduce the pay and allowances of commissioned warrant officers as herein authorized.—Act August 29, 1916.]

[SAME.—That all officers of the Navy who, since the third day of March, eighteen hundred and ninety-nine, have been advanced or may hereafter be advanced in grade or rank pursuant to law shall be allowed the pay and allowances of the higher grade or rank from the dates stated in their commissions.—Act March 4, 1913.]

[SAME—ADDITIONAL PAY FOR AVIATION DUTY.—That from and after the passage and approval of this act the pay and allowances that are now or may be hereafter fixed by law for officers of the Navy and Marine Corps shall be increased thirty-five per centum for such officers as are now or may hereafter be detailed by the Secretary of the Navy on aviation duty: *Provided*, That this increase of pay and allowances shall be given to such officers only as are actual flyers of heavier-than-air craft, and while so detailed: *Provided further*, That no more

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than thirty officers of the Navy and Marine Corps shall be detailed to aviation service: *Provided further*, That no officer above the rank of lieutenant commander in the Navy or major in the Marine Corps shall be detailed for actual flying: *Provided further*, That nothing in this provision shall be construed to increase the total number of officers now in the Navy or Marine Corps.—Act March 4, 1913.]

[SAME.—Hereafter officers of the Navy and Marine Corps appointed student naval aviators, while lawfully detailed for duty involving actual flying in air craft, including balloons, dirigibles, and aeroplanes, shall receive the pay and allowances of their rank and service plus thirty-five per centum increase thereof; and those officers who have heretofore qualified, or may hereafter qualify, as naval aviators, under such rules and regulations as have been or may be prescribed by the Secretary of the Navy, shall, while lawfully detailed for duty involving actual flying in air craft, receive the pay and allowances of their rank and service plus fifty per centum increase thereof.—Act March 3, 1915.]

[SAME—FLYING CORPS.—The officers detailed and the enlisted men of the Naval Flying Corps shall receive the same pay and allowances that are now provided by law for officers and enlisted men of the same grade or rank and rating in the Navy and Marine Corps detailed to duty with aircraft involving actual flying. * * *

[Such officers and enlisted men, while detailed as student aviators and student airmen involving actually flying in aircraft, shall receive the same pay and allowances that are now provided by law for officers and enlisted men of the same grade or rank and rating in the Navy detailed for duty with aircraft. * * *

[The Secretary of the Navy is hereby authorized to appoint annually for a period of four years, from enlisted men of the naval service, or from citizens of the United States in civil life, not to exceed thirty student flyers for instruction and training in aeronautics who shall receive the same pay and allowances as midshipmen at the United States Naval Academy: * * *

[Student flyers shall, after receiving a certificate of qualification as an aviator for actual flying in aircraft, rank with midshipmen and shall receive the same pay and allowances as midshipmen, plus fifty per centum thereof.—Act August 29, 1916.]

[That hereafter the allowances of officers, enlisted men, and student flyers of the naval service shall in no case be increased by reason of the performance of aviation duty.—Act July 1, 1918.]

[DEATH GRATUITY.—That hereafter immediately upon official notification of the death from wounds or disease contracted in line of duty of any officer or enlisted man on the active list of the Navy and Marine Corps the Paymaster General of the Navy shall cause to be paid to

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the widow of such officer or enlisted man, or any person previously designated by him, an amount equal to six months' pay at the rate received by such officer or enlisted man at the date of his death, less seventy-five dollars in the case of an officer and thirty-five dollars in the case of an enlisted man, to defray expenses of interment, and the residue, if any, of the amount reserved shall be paid subsequently to the designated person. The Secretary of the Navy shall establish regulations requiring each officer and enlisted man to designate the proper person to whom this amount shall be paid in case of death, and said amount shall be paid to that person from funds appropriated for the pay of the Navy and Marine Corps.—Act May 13, 1908.]

[SAME.—That the act approved May thirteenth, nineteen hundred and eight, making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and nine, and for other purposes, in so far as it relates to the payment of six months' pay to the widow of an officer or enlisted man and so forth, be amended to read as follows:

["That hereafter immediately upon official notification of the death, from wounds or disease not the result of his own misconduct, of any officer or enlisted man on the active list of the Navy and Marine Corps the Paymaster General of the Navy shall cause to be paid to the widow, and, if no widow, to the children, and, if there be no children, to any other dependent relative of such officer or enlisted man previously designated by him, an amount equal to six months' pay at the rate received by such officer or enlisted man at the date of his death, less seventy-five dollars in the case of an officer and thirty-five dollars in the case of an enlisted man, to defray expenses of interment, and the residue, if any, of the amount reserved shall be paid subsequently to the designated person."—Act August 22, 1912.]

[SAME.—*Provided*, That no deduction shall hereafter be made from the six months' gratuity pay allowed under the naval act of August twenty-second, nineteen hundred and twelve, on account of expenses for preparation and transportation of the remains.—Act March 3, 1915.]

[SAME.—That no deduction shall hereafter be made from the six months' gratuity pay allowed under the naval Act of August twenty-second, nineteen hundred and twelve, on account of expenses for funeral, interment, or for expenses of preparation and transportation of the remains.—Act August 29, 1916.]

[SAME—AVIATION ACCIDENTS.—In the event of the death of an officer or enlisted man of the Navy or Marine Corps from wounds or disease, the result of an aviation accident, not the result of his own misconduct, received while engaged in actual flying in or in handling aircraft, the gratuity to be paid under the provisions of the act approved August twenty-second, nineteen hundred and

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twelve, entitled "An act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and thirteen, and for other purposes," shall be an amount equal to one year's pay at the rate received by such officer or enlisted man at the time of the accident resulting in his death. In all cases where an officer or enlisted man of the Navy or Marine Corps dies, or where an enlisted man of the Navy or Marine Corps is disabled by reason of any injury received or disease contracted in line of duty, the result of an aviation accident, received while employed in actual flying in or in handling aircraft, the amount of pension allowed shall be double that authorized to be paid should death or the disability have occurred by reason of any injury received or disease contracted in line of duty, not the result of an aviation accident.—Act March 3, 1915.]

[SAME.—In the event of the death of an officer or enlisted man or student flyer of the Naval Flying Corps from wounds or disease, the result of an aviation accident, not the result of his own misconduct, received while engaged in actual flying in or in handling aircraft, the gratuity to be paid under the provisions of the Act approved August twenty-second, nineteen hundred and twelve, entitled "An Act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and thirteen, and for other purposes," shall be an amount equal to one year's pay at the rate received by such officer or enlisted man or student flyer at the time of the accident resulting in his death. In all cases where an officer or enlisted man or student flyer of the Navy or Marine Corps dies, or where a student flyer or an enlisted man of the Navy or Marine Corps is disabled by reason of any injury received or disease contracted in line of duty, the result of an aviation accident, received while employed in actual flying in or in handling aircraft, the amount of pension allowed shall be double that authorized to be paid should death or the disability have occurred by reason of an injury received or disease contracted in line of duty not the result of an aviation accident.—Act August 29, 1916.]

[SHORE DUTY PAY.—That the provision contained in section thirteen of an act approved March third, eighteen hundred and ninety-nine, entitled "An act to reorganize and increase the efficiency of the personnel of the Navy and Marine Corps of the United States," reading as follows: "*Provided*, That such officers when on shore shall receive the allowances, but fifteen per centum less pay than when on sea duty; but this provision shall not apply to warrant officers commissioned under section twelve of this act," be, and the same is hereby, repealed.—Act June 29, 1906.]

[ADDITIONAL PAY FOR SEA DUTY OR SHORE DUTY BEYOND SEAS.—All officers on sea duty and all officers on shore

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duty beyond the continental limits of the United States shall while so serving receive ten per centum additional of their salaries and increase as above provided, and such increase shall commence from the date of reporting for duty on board ship or the date of sailing from the United States for shore duty beyond the seas or to join a ship in foreign waters.—Act May 13, 1908.]

[SAME.—That officers of the Navy, and officers and enlisted men of the Marine Corps, who have been detailed or may hereafter be detailed, for shore duty in Alaska, the Philippine Islands, Guam, or elsewhere beyond the continental limits of the United States, shall be considered as having been detailed for "shore duty beyond seas," and shall receive pay accordingly, with such additional pay as may be provided by law for service in island possessions of the United States.—Act March 3, 1901.]

[SAME.—That the President of the United States be, and he is hereby, authorized, in his discretion, to detail to assist the Dominican Republic, officers and enlisted men of the United States Navy and the United States Marine Corps: *Provided*, That officers and enlisted men so detailed be, and they are hereby, authorized to accept from the Government of the Dominican Republic offices under said Government with compensation and emoluments from the said Dominican Republic, subject to the approval of the President of the United States: *Provided further*, That while so detailed such officers and enlisted men shall receive, in addition to the compensation and emoluments allowed them by the Dominican Republic, the pay and allowances of their rank or rating in the United States Navy or United States Marine Corps, as the case may be, and they shall be entitled to the same credit, while so serving, for longevity, retirement, foreign-service pay, and for all other purposes that they would receive if they were serving with the United States Navy or Marine Corps in said Dominican Republic.—Act February 11, 1918.]

[RANK AND PAY OF CHAPLAINS.—That all chaplains now in the Navy above the grade of lieutenants shall receive the pay and allowances of lieutenant commander in the Navy according to length of service under the provisions of law for that rank, and all chaplains now in the Navy in the grade of lieutenant shall receive their present sea pay when on shore duty: *Provided*, That naval chaplains hereafter appointed shall have the rank, pay, and allowances of lieutenant (junior grade) in the Navy until they shall have completed seven years of service, when they shall have the rank, pay, and allowances of lieutenant in the Navy; and lieutenants shall be promoted, whenever vacancies occur, to the grade of lieutenant commander, which shall consist of five numbers, and when so promoted shall receive the rank, pay, and allowances of lieutenant commander in the Navy: *Provided*

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further, That nothing herein contained shall be held or construed to increase the number of chaplains as now authorized by law or to reduce the rank or pay of any now serving.—Act June 29, 1906.]

[SAME.—And that the pay and allowances of chaplains in the Navy shall in no case exceed that provided for lieutenant commanders.—Act May 13, 1908.]

[SAME.—Of the total number of chaplains and acting chaplains herein authorized ten per centum thereof shall have the rank of captain in the Navy, twenty per centum the rank of commander, twenty per centum the rank of lieutenant commander, and the remainder to have the rank of lieutenants and lieutenants, junior grade.—Act June 30, 1914.]

[SAME.—Hereafter all commissioned officers of the active list of the Navy shall receive the same pay and allowances according to rank and length of service: *Provided*, That this provision shall not be construed to reduce the pay and allowances of commissioned warrant officers as herein authorized.—Act August 29, 1916.]

[CONSTRUCTIVE SERVICE ABOLISHED.—That so much of an act entitled "An act to reorganize and increase the efficiency of the personnel of the Navy and Marine Corps," approved March third, eighteen hundred and ninety-nine, which reads as follows: "and that all officers, including warrant officers, who have been or may be appointed to the Navy from civil life shall, on the date of appointment, be credited for computing their pay, with five years' service," shall not apply to any person entering the Navy from and after the passage of this act: *Provided*, That section fourteen hundred and eighty-six of the Revised Statutes shall not apply in the case of officers who enter the Navy after the passage of this act and all such officers shall take precedence when of the same grade according to their respective dates of commission in that grade.—Act March 4, 1913.]

[SAME.—That officers shall take rank in each staff corps according to the dates of commission in the several grades, excepting in cases where they have gained or lost numbers.—Act August 29, 1916.]

[PAY OF OFFICERS NOT REDUCED.—Section thirteen of the act approved March third, eighteen hundred and ninety-nine, entitled "An act to reorganize and increase the efficiency of the personnel of the Navy and Marine Corps of the United States," is hereby so amended as to provide that nothing therein contained shall operate to reduce the pay which, but for the passage of said act, would have been received by any commissioned officer at the time of its passage or thereafter.—Act June 7, 1900.]

[SAME.—Nothing herein shall be construed so as to reduce the pay or allowances now authorized by law for any commissioned, warrant, or appointed officer or any enlisted man of the active or retired lists of the Navy,

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and all laws inconsistent with this provision are hereby repealed.—Act May 13, 1908.]

[SAME.—Nothing contained in this act shall be construed to reduce the rank, pay, or allowances of any officer of the Navy or Marine Corps as now provided by law.—Act August 29, 1916.]

[PAY OF RETIRED OFFICERS.—The pay of all commissioned, warrant, and appointed officers and enlisted men of the Navy now on the retired list shall be based on the pay, as herein provided for, of commissioned, warrant, and appointed officers and enlisted men of corresponding rank and service on the active list; and all pay herein provided shall remain in force until changed by act of Congress.—Act May 13, 1908.]

[SAME.—In computing the pay of retired officers of the Navy, the ten per centum additional pay allowed for sea duty or for shore duty beyond the continental limits of the United States shall not be included, and the pay of commodore shall be the same in all respects as that of rear admiral, second nine.—Act May 30, 1908.]

[SAME.—Hereafter any naval officer on the retired list may, with his consent, in the discretion of the Secretary of the Navy, be ordered to such duty as he may be able to perform at sea or on shore, and while so employed in time of peace shall receive the pay and allowances of an officer of the active list of the same rank: *Provided*, That no such retired officer so employed on active duty shall receive, in time of peace, any greater pay and allowances than the pay and allowances which are now or may hereafter be provided by law for a lieutenant senior grade on the active list of like length of service: *And provided further*, That any such officer whose retired pay exceeds the highest pay and allowances of the grade of lieutenant senior grade, shall, while so employed in time of peace, receive his retired pay only, in lieu of all other pay and allowances.—Act August 22, 1912.]

[SAME.—That any retired chief warrant officer who has been on active duty since August twenty-ninth, nineteen hundred and sixteen, or who may hereafter perform active duty, and whose record is creditable, shall, during such time as he has been or may hereafter be, on active duty, and from the time his service on the active list after date of commission, plus his service on active duty while on the retired list, is equal to six years, receive the pay and allowances that are now, or may hereafter be, allowed a lieutenant (junior grade), United States Navy; and shall, during such time as he has been, or may hereafter be, on active duty, and from the time such total service is equal to twelve years, receive the pay and allowances that are now, or may hereafter be, allowed a lieutenant, United States Navy.

SEC. 2. That any retired warrant officer who has been on active duty since August twenty-ninth, nineteen

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hundred and sixteen, or who may hereafter perform active duty, and whose record is creditable, shall, during such time as he has been or may hereafter be on active duty, and from the time his service on the active list after date of warrant, plus his service on active duty while on the retired list, is equal to twelve years, receive the pay and allowances that are now or may hereafter be allowed a lieutenant (junior grade), United States Navy; and shall, during such time as he has been or may hereafter be on active duty, and from the time such total service is equal to eighteen years, receive the pay and allowances that are now or may hereafter be allowed a lieutenant, United States Navy.

Act April 10, 1918.]

[SAME.—That hereafter, during the existence of war or of a national emergency declared by the President to exist, any commissioned or warrant officer of the Navy, Marine Corps, or Coast Guard of the United States on the retired list may, in the discretion of the Secretary of the Navy, be ordered to active duty at sea or on shore; and any retired officer performing such active duty in time of war or national emergency, declared as aforesaid, shall be entitled to promotion on the retired list to the grade or rank, not above that of lieutenant commander in the Navy or major in the Marine Corps or captain in the Coast Guard, and shall thereafter receive the pay and allowances thereof, which his total active service as an officer both prior and subsequent to retirement, in the manner rendered by him, would have enabled him to attain in due course of promotion had such service been rendered continuously on the active list during the period of time last past.

[SAME.—That hereafter, during the existence of war or of a national emergency, declared as aforesaid, any commissioned or warrant officer of the Navy, Marine Corps, or Coast Guard of the United States on the retired list, while on active duty, may be temporarily advanced to and commissioned in such higher grade or rank on the retired list, not above that of lieutenant commander in the Navy or major in the Marine Corps or captain in the Coast Guard, as the President may determine, and any officer so advanced shall, while on active duty, be entitled to the same pay and allowances as officers of like grade or rank on the active list: *Provided*, That any such commissioned or warrant officer who has been so temporarily advanced in grade or rank shall, upon his relief from active duty, or in any case not later than six months after the termination of the war or of the national emergency, declared as aforesaid, revert to the grade or rank on the retired list and to the pay and allowance status which he would have held had he not been so temporarily advanced: *Provided further*, That nothing in this Act shall operate to reduce the pay and allowances now allowed by law to retired officers.—Act July 1, 1918.]

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[SAME.—No officer who, after having commanded a fleet in active commission, has been retired for age and whom, in the judgment of the Secretary of the Navy, the public interests make it necessary to retain for a time after said retirement and who is performing active duty as chairman of the executive committee of the General Board, shall, for the period so retained, suffer any reduction in the emoluments he was receiving at the time of his retirement: *Provided*, That hereafter any retired officer of the naval service who shall be detailed on active duty shall, while so serving, receive the active duty pay and allowances of the grade, not above that of lieutenant commander in the Navy or of major in the Marine Corps, that he would have attained in due course of promotion if he had remained on the active list for a period beyond the date of his retirement equal to the total amount of time during which he has been detailed on active duty since his retirement: *Provided*, That nothing herein shall be construed to reduce the pay of any retired officer on active duty whose retired pay exceeds the active duty pay and allowances for the grade of lieutenant commander.—Act August 29, 1916.]

SEC. 14. That upon the passage of this act the Secretary of the Navy shall appoint a board for the examination of men for the position of warrant machinist, one hundred of whom are hereby authorized. The said examination shall be open, first, to all machinists by trade, of good record in the naval service, and if a sufficient number of machinists from the Navy are not found duly qualified, then any machinist of good character, not above thirty years of age, in civil life shall be eligible for such examination and appointment to fill the remaining vacancies. All subsequent vacancies in the list of warrant machinists shall be filled by competitive examination before a board ordered by the Secretary of the Navy, and open to all machinists by trade who are in the Navy, and machinists of good character, not above thirty years of age, in civil life authorized by the Secretary of the Navy to appear before said board, and, where candidates from civil life and from the naval service possess equal qualifications, the preference shall be given to those from the naval service.

[TITLE CHANGED TO "MACHINIST."—The title of warrant machinist is hereby changed to machinist.—Act March 3, 1909.]

[25] [INCREASE IN NUMBER.—Pay and allowances prescribed by law of officers on sea duty; * * * fifty additional warrant machinists, * * * of which sum fifty thousand dollars is hereby made immediately available for pay of additional men and warrant machinists.—Act March 3, 1901.]

[SAME.—* * * and as many warrant machinists as the President may from time to time deem necessary to appoint, not to exceed twenty in any one year.—Act April 27, 1904.]

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[PROMOTION OF MACHINISTS AND CHIEF MACHINISTS.—And all machinists shall, after six years from date of warrant, be commissioned chief machinists, to rank with, but after, ensign, and shall, on promotion, have the same pay and allowances as are allowed chief boatswains, chief gunners, chief carpenters, and chief sailmakers, and no machinist shall be promoted until he shall have passed such examination before a board as the Secretary of the Navy may prescribe, and no warrant officer, heretofore or hereafter promoted six years from date of warrant, shall suffer a reduction in pay which, but for such promotion, would have been received by him: *Provided*, That chief boatswains, chief gunners, and chief machinists shall be eligible for appointment to the grade of ensign under the restrictions imposed by law upon the appointment of boatswains, gunners, and warrant machinists to that grade.—Act March 3, 1909.]

SEC. 15. That the pay of warrant machinists shall be the same as that of warrant officers, and they shall be retired under the provisions of existing law for warrant officers. Warrant machinists shall receive at first an acting appointment, which may be made permanent under regulations established by the Navy Department or other warrant officers. They shall take rank with other warrant officers according to date of appointment and shall wear such uniform as may be prescribed by the Navy Department.

SEC. 16. That hereafter the term of enlistment of all enlisted men of the Navy shall be four years: *Provided*, That section fifteen hundred and seventy-three, Revised Statutes, be amended to read: "If any enlisted man or apprentice, being honorably discharged, shall reenlist for four years within four months thereafter, he shall, on presenting his honorable discharge or on accounting in a satisfactory manner for its loss, be entitled to pay during the said four months equal to that to which he would have been entitled if he had been employed in actual service; and that any man who has received an honorable discharge from his last term of enlistment, or who has received a recommendation for reenlistment upon the expiration of his last term of service of not less than three years, who reenlists for a term of four years within four months from the date of his discharge, shall receive an increase of one dollar and thirty-six cents per month to the pay prescribed for the rating in which he serves for each consecutive reenlistment."

[TERM OF ENLISTMENT EXTENDED.—That the term of enlistment of all enlisted men of the United States Navy other than those who are enlisted during minority shall be four years.

[That the term of enlistment of any enlisted man in the Navy may, by his voluntary written agreement, under such regulations as may be prescribed by the Secretary of the Navy with the approval of the President, be extended

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for a period of either one, two, three, or four full years from the date of expiration of the then existing four-year term of enlistment, and subsequent to said date such enlisted men as extend the term of enlistment as authorized in this section shall be entitled to and shall receive the same pay and allowances in all respects as though regularly discharged and reenlisted immediately upon expiration of their term of enlistment, and such extension shall not operate to deprive them upon discharge at the termination thereof of any right, privilege, or benefit to which they would be entitled at the expiration of a four-year term of enlistment.—Act August 22, 1912.]

[That enlistments in the Navy and Marine Corps, during such time as the United States may be at war, shall be for four years or for such shorter period or periods as the President may prescribe, or for the period of the present war.—Act May 22, 1917.]

[TERMS OF ENLISTMENT, TWO, THREE, OR FOUR YEARS.—Until June 30, 1920, enlistments in the Navy may be for terms of two, three, or four years, and all laws now applicable to four-year enlistments shall apply, under such regulations as may be prescribed by the Secretary of the Navy, to enlistments for a shorter period with proportionate benefits upon discharge and reenlistment.—Act July 11, 1919.]

[ENLISTMENTS, DURATION OF THE WAR, CHANGE TO, DISCHARGE AND REENLISTMENT.—Any enlisted man of the Navy, Marine Corps, or Coast Guard, who, since February 3, 1917, and before November 11, 1918, enlisted for the period of four years shall upon his application made to the Secretary of the Navy on or before September 1, 1919, be held and construed to have enlisted for the duration of the war and shall when discharged be granted an honorable discharge, and upon the taking effect of this Act shall be notified by the Secretary of the Navy of his right to file such application: *Provided*, That said enlisted man is otherwise entitled to an honorable discharge: *Provided further*, That the return home of the American Expeditionary Forces shall not be thereby delayed: *Provided further*, That any enlisted man who takes advantage of the provisions of this paragraph to secure a discharge from the Navy, Marine Corps, or Coast Guard, and thereafter reenlists within four months in the Navy or in the Marine Corps, under conditions as now prescribed by law, for a period of four years, shall be entitled to receive the benefits of the gratuity pay provided by existing law for reenlistments.

Enlisted men of the Navy, Marine Corps, and Coast Guard, who enlisted for the period of the war or enlisted for a period of four years between February 3, 1917, and November 11, 1918, and have their status changed to that of men who enlisted for the period of the war if otherwise entitled to an honorable discharge, may, under such regulations as the Secretary of the Navy may prescribe,

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extend their enlistments for a period of one, two, three, or four full years, and shall be entitled to and receive the same rights, privileges, pay, and allowances in all respects as now provided by law for men who extend enlistment on completion of terms of enlistment, except as to gratuity pay: *Provided*, That as, to gratuity pay, such enlisted men who extend their enlistment as before provided shall be entitled to receive an allowance of one month's pay for extending their enlistment for one year, two months' pay for extending their enlistment for two years, three months' pay for extending their enlistment for three years, and in the Navy four months' pay for extending their enlistment for four years.—Act July 11, 1919.]

[DISCHARGE PRIOR TO EXPIRATION OF ENLISTMENT.—That under such regulations as the Secretary of the Navy may prescribe, with the approval of the President any enlisted man may be discharged at any time within three months before the expiration of his term of enlistment or extended enlistment without prejudice to any right, privilege, or benefit that he would have received, except pay and allowances for the unexpired period not served, or to which he would thereafter become entitled, had he served his full term of enlistment or extended enlistment: *Provided*, That nothing in this act shall be held to reduce or increase the pay and allowances of enlisted men of the Navy now authorized pursuant to law.—Act August 22, 1912.]

[FURLOUGH OF ENLISTED MEN.—The Secretary of the Navy is hereby authorized to grant furlough without pay to enlisted men for a period covering the unexpired portion of their enlistment: *Provided*, That such furlough be granted under the same conditions and in lieu of discharge by purchase or by special order of the department. Enlisted men so furloughed shall be subject to recall in time of war or national emergency to complete the unexpired portion of their enlistment, and shall be in addition to the authorized number of enlisted men of the Navy.—Act August 29, 1916.]

[TRANSFER TO FLEET NAVAL RESERVE.—In addition to the enrollments in the Fleet Naval Reserve above provided, the Secretary of the Navy is authorized to transfer to the Fleet Naval Reserve at any time within his discretion any enlisted man of the naval service with twenty or more years' naval service, and any enlisted man, at the expiration of a term of enlistment who may be then entitled to an honorable discharge, after sixteen years' naval service: *Provided*, That such transfers shall only be made upon voluntary application and in the rating in which then serving, and the men so transferred shall be continued in the Fleet Naval Reserve until discharged by competent authority.—Act August 29, 1916.]

TRANSFERS TO REGULAR NAVY AND MARINE CORPS.—Enrolled men of the Naval Reserve Force and of the

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Marine Corps Reserve, other than commissioned and warrant officers, who have performed active duty during the war, may, upon their own application, be transferred to the Regular Navy and Marine Corps, respectively, to serve the unexpired term of their enrollment in such rating or rank as they may be found qualified under such regulations as the Secretary of the Navy may prescribe: *Provided*, That men so transferred shall have at least one year to serve in the regular Navy or the Marine Corps before the expiration of their current enlistment: *Provided further*, That such transfers may not be made in excess of the authorized enlisted strength of the Navy or Marine Corps: *Provided further*, That enrolled men so transferred shall be entitled to and receive the same pay, rights, privileges, and allowances in all respects as now provided by existing law for men regularly discharged and reenlisted immediately upon expiration of their full four-year enlistment in the Regular Navy or Marine Corps.—Act July 11, 1919.]

[APPOINTMENT AS MIDSHIPMEN.—Hereafter in addition to the appointment of midshipmen to the United States Naval Academy, as now prescribed by law, the President is hereby allowed fifteen appointments annually instead of ten as now prescribed by law, and the Secretary of the Navy is allowed twenty-five appointments annually, instead of fifteen as now prescribed by law, the latter to be appointed from the enlisted men of the Navy who are citizens of the United States, and not more than twenty years of age on the date of entrance to the Naval Academy, and who shall have served not less than one year as enlisted men on the date of entrance: *Provided*, That such appointments shall be made in the order of merit from candidates who have in competition with each other passed the mental examination now or hereafter required by law for entrance to the Naval Academy, and who passed the physical examinations required before entrance under existing laws.—Act August 29, 1916.]

Hereafter, in addition to the appointment of midshipmen to the United States Naval Academy, as now prescribed by law, the Secretary of the Navy is allowed one hundred appointments annually, instead of twenty-five as now prescribed by law, to be appointed from the enlisted men of the Navy who are citizens of the United States, and not more than twenty years of age on the date of entrance to the Naval Academy, and who shall have served not less than one year as enlisted men on the date of entrance: *Provided*, That such appointments shall be made in the order of merit from candidates who have, in competition with each other, passed the mental examination now or hereafter required by law for entrance to the Naval Academy, and who passed the physical examination before entrance under existing laws.—Act March 4, 1917.]

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[That hereafter there shall be allowed at the United States Naval Academy five midshipmen for each Senator, Representative, and Delegate in Congress, one for Porto Rico, two for the District of Columbia, fifteen appointed each year at large, and one hundred appointed annually from enlisted men of the Navy, as now authorized by law.

SEC. 2. That all Acts or parts of Acts inconsistent with the provisions of this Act are hereby repealed.

Act December 20, 1917.]

[Section 1 of the Act entitled "An Act to increase the number of midshipmen at the United States Naval Academy," approved December 20, 1917, is hereby amended so as to read as follows: That hereafter there shall be allowed at the United States Naval Academy five midshipmen for each Senator, Representative, Delegate in Congress, and Resident Commissioner from Porto Rico, and five for the District of Columbia, fifteen appointed each year at large, and one hundred appointed annually from enlisted men of the Navy, and members of the Naval Reserve Force on active duty, as now authorized by law.—Act July 11, 1919.]

[AGE LIMITS FOR CANDIDATES FOR ADMISSION TO NAVAL ACADEMY.—That hereafter all candidates for admission to the Naval Academy must be not less than sixteen years of age nor more than twenty years of age on April first of the calendar year in which they enter the academy: *Provided*, That the foregoing shall not apply to candidates for midshipmen designated for entrance to the academy in nineteen hundred and eighteen.

Act May 14, 1918.]

[The class of midshipmen graduated from the Naval Academy on March twenty-ninth, nineteen hundred and seventeen, and the classes to be graduated hereafter, may be commissioned effective from date of graduation.—Act May 22, 1917.]

[COURSE OF INSTRUCTION, NAVAL ACADEMY.—That the President be, and he is hereby, authorized, until August first, nineteen hundred and twenty-one, to reduce, in his discretion, the course of instruction at the United States Naval Academy from four to three years and to graduate classes which have completed such reduced courses of instruction.

Act April 2, 1918.]

[TO MAKE GOOD TIME LOST ON ACCOUNT OF MISCONDUCT.—Hereafter no officer or enlisted man in the Navy or Marine Corps in active service who shall be absent from duty on account of injury, sickness, or disease, resulting from his own intemperate use of drugs or alcoholic liquors, or other misconduct, shall receive pay for the period of such absence, the time so absent and the cause thereof to be ascertained under such procedure and regulations as may be prescribed by the Secretary of the Navy: *Provided*, That an enlistment shall not be regarded as

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complete until the enlisted man shall have made good any time in excess of one day lost on account of injury, sickness, or disease resulting from his own intemperate use of drugs or alcoholic liquors, or other misconduct.—Acts August 29, 1916, and July 1, 1918.]

[ABSENCE WITHOUT LEAVE, PENALTY.—That the President is hereby authorized to drop from the rolls of the Navy or Marine Corps any officer thereof who is absent from duty without leave for a period of three months or more, or who, having been found guilty by the civil authorities of any offense, is finally sentenced to confinement in a State or Federal penitentiary: *Provided*, That no officer so dropped shall be eligible for reappointment. Act April 2, 1918.]

[SECTION 1573 R. S. FURTHER AMENDED.—That section fifteen hundred and seventy-three of the Revised Statutes of the United States as amended by section sixteen of an act entitled "An act to reorganize and increase the efficiency of the personnel of the Navy and Marine Corps of the United States," approved March third, eighteen hundred and ninety-nine, be, and the same is hereby, amended to read as follows: "If any enlisted man or apprentice, being honorably discharged, shall reenlist for four years within four months thereafter, he shall, on presenting his honorable discharge or on accounting in a satisfactory manner for its loss, be entitled to a gratuity of four months' pay equal in amount to that which he would have received if he had been employed in actual service: *Provided*, That any enlisted man in the Navy whose term of enlistment has been extended for an aggregate of four years shall, after the expiration of the preceding four-year term of enlistment upon which the extension is made and if otherwise entitled to an honorable discharge, be paid the gratuity above provided: *And provided*, That any man who has received an honorable discharge from his last term of enlistment, or who has received a recommendation for reenlistment upon the expiration of his last term of enlistment, who reenlists for a term of four years within four months from the date of his discharge, shall receive an increase of one dollar and thirty-six cents per month to the pay prescribed for the rating in which he serves for each successive reenlistment: *And provided further*, That an extension of the period of enlistment as hereinbefore authorized, aggregating four years, shall be held and considered as equivalent to continuous service with respect to all rights, privileges, and benefits granted for such service pursuant to law.—Act August 22, 1912.]

[ENLISTED STRENGTH, NAVY.—That the authorized enlisted strength of the active list of the Navy is hereby increased from eighty-seven thousand to one hundred and thirty-one thousand four hundred and eighty-five.—Act July 1, 1918.]

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[That the phrase "authorized enlisted strength," as applied to the personnel of the Navy, shall mean the total number of enlisted men of the Navy authorized by law, exclusive of the Hospital Corps, apprentice seamen, those sentenced by court-martial to discharge, those detailed for duty with Naval Militia, those furloughed without pay, enlisted men of the Flying Corps, and those under instruction in trade schools: *Provided further*, That the number of enlisted men for instruction in trade schools shall not at any time exceed fourteen thousand, which number is hereby temporarily authorized.—Act July 1, 1918.]

[SAME.—The total authorized enlisted strength of the active list of the Navy is hereby temporarily increased from 131,485 during the period from July 1, 1919, to September 30, 1919, to 241,000 men, and from October 1, 1919, to December 31, 1919, to 191,000 men, and from January 1, 1920, to June 30, 1920, to 170,000 men, and the President is hereby authorized, whenever in his judgment a sufficient national emergency exists, to increase the authorized enlisted strength of the Navy to 191,000 men, and the Secretary of the Navy is hereby authorized to call to or continue on active service on strictly naval duties, with their consent, such numbers of the male members and nurses of the Naval Reserve Force in enlisted ratings as may be necessary to supply deficiencies to maintain the total authorized strength for the periods herein authorized. The foregoing total authorized strength shall include the Hospital Corps, apprentice seamen, those sentenced by court-martial to discharge, enlisted men of the Flying Corps, those under instruction in trade schools, and members of the Naval Reserve Force so serving. That during the fiscal year ending June 30, 1920, no member of the Naval Reserve Force shall be recalled to active duty for training or any other purpose except as hereinbefore provided: *Provided*, That the average number of commissioned officers of the line, permanent, temporary, and reserves on active duty, shall not exceed during the periods aforesaid, 4 per centum of the total temporary authorized enlisted strength of the Regular and Temporary Navy, and members of the Naval Reserve Force in enlisted ratings on active duty, and the number of staff officers shall be in the same proportion as provided under existing law: *Provided further*, That nothing herein shall be construed as affecting the permanent, commissioned, or enlisted strength of the Regular Navy as authorized by existing law.—Act July 11, 1919.]

[INCREASE IN PAY OF ENLISTED MEN.—The pay of all active and retired enlisted men of the Navy is hereby increased ten per centum: * * * The pay of all commissioned, warrant, and appointed officers and enlisted men of the Navy now on the retired list shall be based on the pay, as herein provided for, of commissioned,

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warrant, and appointed officers and enlisted men of corresponding rank and service on the active list; and all pay herein provided shall remain in force until changed by act of Congress. Nothing herein shall be construed so as to reduce the pay or allowances now authorized by law for any commissioned, warrant, or appointed officer or any enlisted man of the active or retired lists of the Navy, and all laws inconsistent with this provision are hereby repealed.—Act May 13, 1908.]

SEC. 17. That when an enlisted man or appointed petty officer has served as such thirty years in the United States Navy, either as an enlisted man or petty officer, or both, he shall, by making application to the President, be placed on the retired list hereby created, with the rank held by him at the date of retirement; and he shall thereafter receive seventy-five per centum of the pay and allowances of the rank or rating upon which he was retired: *Provided*, That if said enlisted man or appointed petty officer had active service in the Navy or in the Army or Marine Corps, either as volunteer or regular, during the Civil or Spanish-American War, such war service shall be computed as double time in computing the thirty years necessary to entitle him to be retired: *And provided further*, That applicants for retirement under this section shall, unless physically disqualified for service, be at least fifty years of age.

[RETIREMENT OF ENLISTED MEN.—That in computing the necessary thirty years' time for the retirement of petty officers and enlisted men of the Navy, all service in the Army, Navy, or Marine Corps shall be credited.—Act June 22, 1906.]

[SAME.—That when an enlisted man shall have served thirty years either in the Army, Navy, or Marine Corps, or in all, he shall, upon making application to the President, be placed upon the retired list, with seventy-five per centum of the pay and allowances he may then be in receipt of, and that said allowances shall be as follows: Nine dollars and fifty cents per month in lieu of rations and clothing and six dollars and twenty-five cents per month in lieu of quarters, fuel, and light: *Provided*, That in computing the necessary thirty years' time all service in the Army, Navy, and Marine Corps shall be credited.

[SEC. 2. That all acts and parts of acts, so far as they conflict with the provisions of this act, are hereby repealed.—Act March 2, 1907.]

[SAME.—The period of time during which members of the naval reserve were actively employed with the Navy while enlisted in the naval reserve shall, for the purposes of retirement, be counted as active service in the Navy in the case of those who reenlist in the Navy after service in the Naval Reserve.—Act March 3, 1915.]

[SAME.—That enrolled members who shall have completed twenty years of service in the Naval Reserve Force, and who shall have performed the minimum amount of

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active service required in their class for maintaining efficiency during each term of enrollment, shall, upon their own application, be retired with the rank or rating held by them at the time, and shall receive in lieu of any pay, a cash gratuity equal to the total amount of their retainer pay during the last term of their enrollment. * * *

[Men transferred to the Fleet Naval Reserve shall be governed by the laws and regulations for the government of the Navy and shall not be discharged from the Naval Reserve Force without their consent, except by sentence of a court-martial. They may, upon their own request, upon completing thirty years' service, including naval and fleet naval reserve service, be placed on the retired list of the Navy with the pay they were then receiving plus the allowances to which enlisted men of the same rating are entitled on retirement after thirty years' naval service. They shall be required to keep on hand such part of the uniform-clothing outfit as may be prescribed by the Secretary of the Navy.—Act August 29, 1916.]

[SAME—ACTIVE DUTY.—The Secretary of the Navy is authorized in time of war, or when, in the opinion of the President, war is threatened, to call any enlisted man on the retired list into active service for such duty as he may be able to perform. While so employed such enlisted men shall receive the same pay and allowances they were receiving when placed on the retired list: *Provided*, That enlisted men on the retired list shall not be eligible for enlistment in or transfer to the naval reserve.—Act March 3, 1915.]

[SAME.—The Secretary of the Navy is authorized in time of war or when a national emergency exists to call any enlisted man on the retired list into active service for such duty as he may be able to perform. While so employed such enlisted men shall receive the same pay and allowances they were receiving when placed on the retired list.—Act August 29, 1916.]

[SAME.—That any enlisted man of the Navy or Marine Corps upon the retired list who has been ordered into active service since April sixth, nineteen hundred and seventeen, or who may hereafter be ordered into active service, shall be eligible for promotion and he shall be entitled to the pay and benefits of continuous service of such rank and for such length of time as he is or has been employed in active service, and when relieved of active service shall retain upon the retired list the rank and service held by him at the time of such relief, with the pay and allowances of such rank on the retired list; and the accounting officers of the Treasury are hereby directed to allow in the accounts of any enlisted man of the Navy or Marine Corps who resigned from the retired list in order to reenlist for appointment in a higher grade, the same continuous-service pay and the benefits of such rank to which he may have been appointed upon reenlistment,

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as if his service had been continuous, and any difference in pay from the date of reenlistment shall be credited to his account.—Act July 1, 1918.]

[That so much of the Act of July 1, 1918 (Public Numbered 182), as authorizes the promotion of retired enlisted men of the Navy and Marine Corps ordered to active duty shall not be so construed as to make illegal promotions of such men as have heretofore been made to warrant grades or as to deprive them of any of the pay, allowances, or other benefits accruing under such promotion.—Act July 11, 1919.]

[MALE MEMBERS AND NURSES, NAVAL RESERVE FORCE, ACTIVE SERVICE.—Act July 11, 1919.—See note to section 16, Enlisted Strength, Navy.]

[Any enlisted man of the Navy or Marine Corps who has been or may be discharged to enable him to accept appointment as a commissioned or warrant officer in the Naval Reserve Force or Marine Corps Reserve, and who reenlists in the Navy or Marine Corps after the termination of his reserve service, shall be entitled, in computing service for retirement, to credit for all active reserve service; and if he reenlists in the Navy or Marine Corps within four or three months, respectively, from the date of the termination of his service as an officer of the Reserve he shall be restored to the grade or rank held by him before being discharged to accept such commission or warrant, and his service in the Regular Navy or Marine Corps, including his active service in the Naval Reserve Force or Marine Corps Reserve, shall be regarded as continuous for purposes of continuous-service pay: *Provided*, That any warrant officer in the Navy or Marine Corps and any pay clerk in the Marine Corps who has accepted or who may hereafter accept appointment as a commissioned officer in the Naval Reserve Force or Marine Corps Reserve shall be entitled, upon the termination of his appointment as a commissioned officer in the Reserve, to revert to his former status as a warrant officer in the Navy or Marine Corps, or as a pay clerk in the Marine Corps, and shall be entitled to count all active reserve service for purposes of longevity pay and retirement: *Provided*, That no part or parts of any existing laws shall be construed as having discharged from the Naval Militia of any State, Territory, or the District of Columbia, those members of the National Naval Volunteers who were transferred to the Naval Reserve Force by authority of the Act of Congress making appropriations for the Naval Service which became a law on July 1, 1918; nor to prevent members of the Naval Reserve Force from being or becoming members of the Naval Militia of any State, Territory, or the District of Columbia: *Provided*, That such membership in the Naval Militia shall not interfere with the discharge of duties by such members thereof who are in the Naval Reserve Force.—Act July 11, 1919.]

SEC. 18. That from and after the date of the approval of this act the active list of the line officers of the United

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States Marine Corps shall consist of one brigadier general commandant, five colonels, five lieutenant colonels, ten majors, sixty captains, sixty first lieutenants, and sixty second lieutenants: *Provided*, That vacancies in all grades in the line created by this section shall be filled as far as possible by promotion by seniority from the line officers on the active list of said corps: *And provided further*, That the commissions of officers now in the Marine Corps shall not be vacated by this act: *And provided further*, That vacancies in the grade of brigadier general shall be filled by selection from officers on the active list of the Marine Corps not below the grade of field officer.

[INCREASE IN NUMBER OF LINE OFFICERS.—That from and after the passage of this act, and in order to further increase the efficiency of the Marine Corps, the following additional officers, * * * to those now provided by law for said corps, are hereby authorized and directed, namely: One colonel, one lieutenant colonel, five majors, twelve captains, twenty-five first lieutenants, twelve second lieutenants.—Act March 3, 1903.]

[SAME.—That from and after the passage of this act, and in order to further increase the efficiency of the United States Marine Corps, the following additional officers, * * * to those now provided by law for said corps are hereby authorized and directed, namely: One major general commandant, in lieu of the present brigadier general commandant; one colonel; one lieutenant colonel; two majors; eighteen captains; seven first lieutenants; fourteen second lieutenants.—Act May 13, 1908.]

[SAME.—The rank and title of major general is hereby created in the Marine Corps, and the President is authorized to nominate, and, by and with the advice and consent of the Senate, to appoint one major general, who shall at all times be junior in rank to the major general commandant, and also one temporary major general in the Marine Corps, who shall at all times be junior to the permanent major general.—Act July 1, 1918.]

[APPOINTMENT OF COMMANDANT FOR FOUR YEARS.—That hereafter when a vacancy shall exist in the position of commandant of the Marine Corps the President may appoint to such position, by and with the advice and consent of the Senate, an officer of the Marine Corps on the active list not below the grade of field officer, who shall hold office as such commandant for a term of four years, unless sooner relieved, and who, while so serving, shall have the rank, pay, and allowances of a major general in the Army; and any officer appointed under the provisions of this Act who shall be retired from the position of commandant of the Marine Corps, in accordance with the provisions of sections twelve hundred and fifty-one, sixteen hundred and twenty-two, sixteen hundred and

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twenty-three, Revised Statutes of the United States, or by reason of age or length of service, shall have the rank and retired pay of a major general; if retired for any other reason, he shall be placed on the retired list of officers of the grade to which he belonged at the time of his retirement: *Provided*, That an officer serving as commandant shall be carried as an additional number in his grade while so serving, and after his return to duty in his grade until said grade is reduced to the number authorized by law: *Provided further*, That nothing herein contained shall operate to increase or reduce the total number of officers in the Marine Corps now provided by law.—Act December 19, 1913.]

[NUMBER AND RANK OF MARINE OFFICERS.—Hereafter the total number of commissioned officers of the active list of the line and staff of the Marine Corps, exclusive of officers borne on the Navy list as additional numbers, shall be four per centum of the total authorized enlisted strength of the active list of the Marine Corps, exclusive of the Marine Band, and of men under sentence of discharge by court-martial, distributed in the proportion of one officer with rank senior to colonel to four with the rank of colonel, to five with the rank of lieutenant colonel, to fourteen with the rank of major, to thirty-seven with the rank of captain, to thirty-one with the rank of first lieutenant, to thirty-one with the rank of second lieutenant: * * * *Provided further*, That in determining the officers with rank senior to colonel there shall be included the officer serving as major general commandant: *And provided further*, That appointments hereafter made to the position of major general commandant under the provisions of the Act approved December nineteenth, nineteen hundred and thirteen, entitled "An Act to make the tenure of office of the major general commandant of the Marine Corps for a term of four years," shall be made from officers of the active list of the Marine Corps not below the rank of colonel: *Provided further*, That the officers serving in the senior grade of the Adjutant and Inspector's, Quartermaster's, and Paymaster's Departments shall, while serving therein, have the rank, pay, and allowances of a brigadier general: *And provided further*, That for the purpose of determining the number of officers in the various ranks as herein provided such staff officers shall be counted as being of the rank of colonel: *And provided further*, That officers holding permanent appointments in the staff departments shall not be eligible for appointment to the grade of brigadier general of the line as hereinbefore provided.—Act August 29, 1916.]

[MARINE WARRANT OFFICERS.—That the warrant grades of marine gunner and quartermaster clerk are hereby established, and the appointment as herein prescribed to twenty marine gunners and twenty quartermaster clerks is hereby authorized. Officers in those grades shall have the rank and receive the pay, allowances, and

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privileges of retirement of warrant officers in the Navy. They shall be appointed from the noncommissioned officers of the Marine Corps and clerks to quartermasters now serving as such and who have performed field service.—Act August 29, 1916.]

[That the appointment of thirty marine gunners, thirty quartermaster's clerks, and nine clerks to assistant paymasters, additional to the number now prescribed by law * * * is hereby authorized, such appointments to be made in the manner now provided by law.—Act May 22, 1917.]

[That marine gunners and quartermaster clerks of the Marine Corps assigned to foreign shore service shall hereafter be entitled to the same increased compensation and under the same conditions as is now or hereafter allowed by law to commissioned officers of the Marine Corps.—Act March 4, 1917.]

[The title of clerks for assistant paymasters is hereby changed to pay clerk, who shall hereafter receive the same pay, allowances, and other benefits now provided by law for clerks for assistant paymasters; and the total number of pay clerks shall not exceed ten for duty in the office of the paymaster, Marine Corps, fifteen for duty in the paymaster's department at large, and one for each assistant paymaster: *Provided*, That nothing herein contained shall be construed to reduce the pay, allowances, or other benefits granted by existing law to any clerk for assistant paymaster now in service.—Act July 1, 1918.]

[TRANSFER OF RETIRED OFFICERS TO ACTIVE LIST.—The President is hereby authorized, within two years after the approval of this Act, by and with the advice and consent of the Senate, to transfer to the active list of the Marine Corps or Navy Pay Corps any officer under fifty years of age who may have been transferred from the active list to the retired list of the Marine Corps or Navy Pay Corps by the action of any retiring board for physical disability incurred in the line of duty: *Provided*, That such officer shall be transferred to the place on the active list which he would have had if he had not been retired, and shall be carried as an additional number in the grade to which he may be transferred or at any time thereafter promoted: *Provided further*, That such officer shall establish to the satisfaction of the Secretary of the Navy his mental, moral, professional, and physical qualifications to perform the duties on the active list of the grade to which he is transferred.—Act August 29, 1916.]

RETIREMENT FOR CIVIL WAR SERVICE.—That officers of the Marine Corps with creditable records who served during the Civil War shall, when retired, be retired in like manner and under the same conditions as provided for officers of the Navy who served during the Civil War.—Act April 27, 1904.]

[SAME.—That any officer of the Marine Corps below the grade of brigadier general who served with credit

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as an officer or as an enlisted man in the regular or volunteer forces during the Civil War prior to April ninth, eighteen hundred and sixty-five, otherwise than as a cadet, and whose name is borne on the official register of the Marine Corps, and who has heretofore been, or may hereafter be, retired on account of wounds or disability incident to the service, or on account of age or after forty years' service, may, in the discretion of the President, by and with the advice and consent of the Senate, be placed on the retired list of the Marine Corps with the rank and retired pay of one grade above that actually held by him, at the time of retirement: *Provided*, That this act shall not apply to any officer who received an advance of grade since the date of his retirement or who has been restored to the Marine Corps and placed on the retired list by virtue of the provisions of a special act of Congress.—Act June 29, 1906.]

SEC. 19. That the vacancies existing in said corps after the promotions and appointments herein provided for shall be filled by the President from time to time, whenever the actual needs of the naval service require it, first, from the graduates of the Naval Academy in the manner now provided by law; or, second, from those who are serving or who have served as second lieutenants in the Marine Corps during the war with Spain; or, third, from meritorious noncommissioned officers of the Marine Corps; or, fourth, from civil life: *Provided*, That after said vacancies are once filled there shall be no further appointments from civil life.

[FILLING OF VACANCIES.—That the vacancies now existing in the line and the staff departments of the Marine Corps and those created by this act below the grade of brigadier general shall be filled, respectively, first by promotion by seniority and then by selection and appointment as now provided by law excepting that vacancies in the grade of second lieutenant shall be filled first, as far as practicable, from graduates of the Naval Academy each year on completing the prescribed course at the Naval Academy, exclusive of the probationary tour of sea service before final graduation, then from meritorious noncommissioned officers and from civil life between the ages of twenty-one and twenty-seven years.—Act March 3, 1903.]

[SAME.—That the vacancies now existing in the line and staff departments of the United States Marine Corps and those created by this act shall be filled in the manner provided by law.—Act May 13, 1908.]

[SAME.—That brigadier generals shall be appointed from officers of the Marine Corps senior in rank to lieutenant colonel: *Provided further*, That the promotion to the grade of brigadier general of any officer now or hereafter carried as an additional number in the grade or with the rank of colonel shall be held to fill a vacancy in the grade of brigadier general: * * *

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[That for the purpose of advancement in rank to and including the grade of colonel, all commissioned officers of the line and staff of the Marine Corps shall be placed on a common list in the order of seniority each would hold had he remained continuously in the line. All advancements in rank to captain, major, lieutenant colonel, and colonel shall, subject to the usual examinations, be made from officers with the next junior respective rank, whether of the line or staff, in the order in which their names appear on said list.

[Appointees to the grade of second lieutenant, if appointed from civil life, shall be between the ages of twenty and twenty-five years, and before receiving a commission in the Marine Corps, each appointee shall establish to the satisfaction of the Secretary of the Navy his mental, physical, moral, and professional qualifications for such commission: *Provided*, That the President of the United States be, and hereby is, authorized, by and with the advice and consent of the Senate, to appoint as second lieutenants on the active list in the United States Marine Corps, to take rank at the foot of the list of second lieutenants as it stands at the date of reinstatement, former officers of the Marine Corps who resigned from the naval service in good standing: *Provided*, That they shall establish their normal, physical, mental, and professional qualifications to perform the duties of that grade to the satisfaction of the Secretary of the Navy: *Provided further*, That the Secretary of the Navy, in his discretion, may waive the age limit in favor of the aforesaid former officers of the Marine Corps: *Provided further*, That the prior service of such officers and the service after reinstatement shall be not less than thirty years before the age of retirement. That appointments from noncommissioned officers of the Marine Corps and from civil life shall be for a probationary period of two years and may be revoked at any time during that period by the Secretary of the Navy: *Provided further*, That the rank of such officers of the same date of appointment among themselves at the end of said probationary period shall, with the approval of the Secretary of the Navy, be determined by the report of a board of Marine officers who shall conduct a competitive professional examination under such rules as may be prescribed by the Secretary of the Navy and the rank of such officers so determined shall be as of date of original appointment with reference to other appointments to the Marine Corps: *Provided further*, That no midshipman at the United States Naval Academy or cadet at the United States Military Academy who fails to graduate therefrom shall be eligible for appointment as a commissioned officer in the Marine Corps until after the graduation of the class of which he was a member.—Act August 29, 1916.]

SEC. 20. That no person except such officers or former graduates of the Naval Academy as have served in the

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war with Spain, as hereinbefore provided for, shall be appointed a commissioned officer in the Marine Corps who is under twenty or over thirty years of age; and that no person shall be appointed a commissioned officer in said corps until he shall have passed such examination as may be prescribed by the President of the United States, except graduates of the Naval Academy, as above provided. That the officers of the Marine Corps above the grade of captain, except brigadier general, shall, before being promoted, be subjected to such physical, mental, and moral examination as is now, or may hereafter be, prescribed by law for other officers of the Marine Corps.

[APPOINTMENTS AS SECOND LIEUTENANTS.—Act August 29, 1916; see note to section 19.]

[PROMOTION OF MARINE OFFICER PHYSICALLY INCAPACITATED FOR DUTIES AT SEA.—The provisions of sections fourteen hundred and ninety-three and fourteen hundred and ninety-four of the Revised Statutes of the United States shall apply to the Marine Corps.—Act August 29, 1916.]

[PROFESSIONAL FAILURE OF OFFICER EXAMINED FOR PROMOTION.—In lieu of suspension from promotion of any officer of the Marine Corps who hereafter fails to pass a satisfactory professional examination for promotion, or who is now under suspension from promotion by reason of such failure, such officer shall suffer loss of numbers, upon approval of the recommendation of the examining board, in the respective ranks, as follows: Lieutenant colonel, one; major, two; captain, three; first lieutenant, five; second lieutenant, eight: *Provided*, That any such officer shall be reexamined as soon as may be expedient after the expiration of six months if he in the meantime again becomes due for promotion, and if he does not in the meantime again become due for promotion he shall be reexamined at such time anterior to again becoming due for promotion as may be for the best interests of the service: *Provided further*, That if any such officer fails to pass a satisfactory professional reexamination he shall be honorably discharged with one year's pay from the Marine Corps.—Act August 29, 1916.]

SEC. 21. That upon the passage of this act not more than forty-five of the captains, forty-five first lieutenants and forty-five second lieutenants herein provided for shall be appointed; fifteen captains, fifteen first lieutenants and fifteen second lieutenants to be appointed subsequently to January first, nineteen hundred.

SEC. 22. That the staff of the Marine Corps shall consist of one adjutant and inspector, one quartermaster and one paymaster, each with the rank of colonel; one assistant adjutant and inspector, two assistant quartermasters and one assistant paymaster, each with the rank of major; and three assistant quartermasters with the rank of captain. That the vacancies created by this act in

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the departments of the adjutant and inspector and paymaster shall be filled first by promotion according to seniority of the officers in each of these departments respectively, and then by selection from the line officers on the active list of the Marine Corps not below the grade of captain, and who shall have seen not less than ten years' service in the Marine Corps. That the vacancies created by this act in the quartermaster's department of said corps shall be filled, first by promotion according to seniority of the officers in this department, and then by selection from the line officers on the active list of said corps not below the grade of first lieutenant: *Provided*, That all vacancies hereafter occurring in the staff of the Marine Corps shall be filled first by promotion according to seniority of the officers in their respective departments, and then by selection from officers of the line on the active list, as hereinbefore provided for.

[STAFF OF THE MARINE CORPS.—That from and after the passage of this act, and in order to further increase the efficiency of the Marine Corps, the following additional officers, * * * to those now provided by law for said corps, are hereby authorized and directed, namely: * * * one assistant adjutant and inspector with the rank of lieutenant colonel, two assistant adjutants and inspectors with the rank of major, one assistant quartermaster, with the rank of lieutenant colonel, five assistant quartermasters with the rank of captain, one assistant paymaster with the rank of lieutenant colonel, one assistant paymaster with the rank of captain, * * *: *Provided*, That the vacancies now existing in the line and the staff departments of the Marine Corps and those created by this act below the grade of brigadier general shall be filled, respectively, first by promotion by seniority and then by selection and appointment as now provided by law, excepting that vacancies in the grade of second lieutenant shall be filled first, as far as practicable, from graduates of the Naval Academy each year on completing the prescribed course at the Naval Academy, exclusive of the probationary tour of sea service before final graduation, then from meritorious noncommissioned officers and from civil life between the ages of twenty-one and twenty-seven years: *Provided*, That the commissions of officers now in the Marine Corps shall not be vacated by this act: *And provided further*, That officers selected for appointment to fill vacancies in the grade of field officers in any of the staff departments shall be taken from officers on the active list not below the grade of captain and who have seen not less than seven years' service as commissioned officers in the Marine Corps. And that appointments to the grade of captain in any of the staff departments shall be made from officers on the active list of the Marine Corps not below the grade of first lieutenant.—Act March 3, 1903.]

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[SAME.—That from and after the passage of this act, and in order to further increase the efficiency of the United States Marine Corps, the following additional officers, * * * those now provided by law for said corps are hereby authorized and directed, namely: * * * one assistant adjutant and inspector, with the rank of lieutenant colonel; one assistant quartermaster, with the rank of lieutenant colonel; one assistant quartermaster, with the rank of major, and three assistant quartermasters, with the rank of captain; one assistant paymaster, with the rank of major; one assistant paymaster, with the rank of captain; * * *

[That the vacancies now existing in the line and staff departments of the United States Marine Corps and those created by this act shall be filled in the manner provided by law.—Act May 13, 1908.]

[SAME.—That the officers serving in the senior grade of the Adjutant and Inspector's, Quartermaster's, and Paymaster's Departments shall, while serving therein, have the rank, pay, and allowances of a brigadier general: *And provided further*, That for the purpose of determining the number of officers in the various ranks as herein provided such staff officers shall be counted as being of the rank of colonel: *And provided further*, That officers holding permanent appointments in the staff departments shall not be eligible for appointment to the grade of brigadier general of the line as hereinbefore provided.

[The total commissioned personnel of the active list of the staff departments, whether serving therein under permanent appointments or under temporary detail, as herein provided, shall be eight per centum of the authorized commissioned strength of the Marine Corps, and of this total one-fifth shall constitute the adjutant and inspector's department, one-fifth the paymaster's department, and three-fifths the quartermaster's department.

[No further permanent appointments shall be made in any grade in any staff department. Any vacancy hereafter occurring in the lower grade of any staff department shall be filled by the detail of an officer of the line for a period of four years unless sooner relieved; any vacancy hereafter occurring in the upper grade of any staff department shall be filled by the appointment of an officer with the rank of colonel holding a permanent appointment in the staff department in which the vacancy exists, or of some other officer holding a permanent appointment in such staff department in case there be no permanent staff officer with the rank of colonel in that department, or of a colonel of the line in case there be no officer holding a permanent appointment in such staff department. Such appointments shall be made by the President and be for a term of four years, and the officer so appointed shall be recommissioned in the grade to which appointed.

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[That prior to June thirtieth, nineteen hundred and eighteen, an officer holding a permanent appointment in any staff department may, upon his own application, with the approval of the President, be reappointed in the line of the Marine Corps in the grade and with the rank he would hold on the date of his reappointment if he had remained continuously in the line: *Provided*, That no officer holding a permanent appointment in any staff department shall be recommissioned in the line with the rank of colonel or lieutenant colonel: *Provided further*, That such staff officer shall, before being reappointed in the line of the Marine Corps as above provided, perform line duties for one year, at the expiration of which time he shall as a prerequisite to reappointment in the line be required to establish to the satisfaction of an examining board consisting of line officers of the Marine Corps his physical, mental, and professional fitness for the performance of line duty.

[That for the purpose of advancement in rank to and including the grade of colonel, all commissioned officers of the line and staff of the Marine Corps shall be placed on a common list in the order of seniority each would hold had he remained continuously in the line. All advancements in rank to captain, major, lieutenant colonel, and colonel shall, subject to the usual examinations, be made from officers with the next junior respective rank, whether of the line or staff, in the order in which their names appear on said list.—Act August 29, 1916.]

SEC. 23. That the enlisted force of the Marine Corps shall consist of five sergeant majors, one drum major, twenty quartermaster sergeants, seventy-two gunnery sergeants with the rank and allowance of the first sergeant, and whose pay shall be thirty-five dollars per month; sixty first sergeants; two hundred and forty sergeants; four hundred and eight corporals; eighty drummers; eighty trumpeters; and four thousand nine hundred and sixty-two privates.

[NUMBER OF ENLISTED MEN, MARINE CORPS.—In addition to the enlisted force of the Marine Corps now authorized by law there may be enlisted ten gunnery sergeants, forty sergeants, sixty corporals, ten drummers, ten trumpeters, and six hundred and twenty privates.—Act July 1, 1902.]

[SAME.—That from and after the passage of this act, and in order to further increase the efficiency of the Marine Corps, the following additional * * * non-commissioned officers, drummers, trumpeters, and privates to those now provided by law for said corps, are hereby authorized and directed, namely: * * * one sergeant major, forty quartermaster sergeants, twelve first sergeants, sixty-five sergeants, fifty-five corporals, ten drummers, ten trumpeters, and five hundred and twenty-seven privates.—Act March 31, 1903.]

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[SAME.—That from and after the passage of this act, and in order to further increase the efficiency of the United States Marine Corps, the following additional * * * noncommissioned officers, drummers, trumpeters, and privates to those now provided by law for said corps are hereby authorized and directed, namely: * * * two sergeant majors; fifteen quartermaster sergeants, five of whom are to serve in the pay department; twenty first sergeants; fifty sergeants; one hundred and twenty-five corporals; ten drummers; ten trumpeters; and five hundred and eighteen privates: *Provided*, That hereafter the number of enlisted men in the United States Marine Corps shall be such as the Congress may from time to time authorize.—Act May 13, 1908.]

[SAME.—Pay of enlisted men, active list: Pay of noncommissioned officers, musicians, and privates, as prescribed by law, and for the following additional enlisted men hereby authorized: Four sergeants major, four quartermaster sergeants, twelve first sergeants, four gunnery sergeants, eighteen sergeants, thirty-five corporals, four drummers, four trumpeters, and three hundred and fifteen privates.—Act August 22, 1912.]

[SAME.—That the number of gunnery sergeants heretofore authorized is increased by twenty; that the number of sergeants heretofore authorized is increased by twenty; that the number of corporals heretofore authorized is increased by seventy; and that the number of privates heretofore authorized is decreased by one hundred and ten.—Act March 3, 1915.]

[SAME.—Pay of enlisted men, active list: Pay and allowances of noncommissioned officers, musicians, and privates, as prescribed by law, and for the following additional enlisted men hereby authorized: Twenty-eight sergeants major, one hundred and seventeen quartermaster sergeants, one hundred and seven first sergeants, one hundred and seven gunnery sergeants, five hundred sergeants, eight hundred and thirty-five corporals, fifty drummers, fifty trumpeters, three thousand two hundred and thirty-five privates; and hereafter the number of enlisted men of the Marine Corps shall be exclusive of those sentenced by court-martial to discharge. * * *

[The President is authorized, when, in his judgment, it becomes necessary to place the country in a complete state of preparedness, to further increase the enlisted strength of the Marine Corps to seventeen thousand four hundred: *And provided*, That the distribution in the various grades shall be in the same proportion as that authorized at the time when the President avails himself of the authority herein granted.—Act August 29, 1916.]

[That the authorized enlisted strength of the active list of the Marine Corps is hereby temporarily increased from seventeen thousand four hundred to seventy-five thousand five hundred, this authorized strength being distrib-

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uted in the various grades of the enlisted force in the same proportion as those authorized at the date of the approval of this Act: *Provided*, That not more than twenty-five per centum of the authorized number of privates in the Marine Corps shall have the rank of private, first class, which rank is hereby established in the Marine Corps.—Act July 1, 1918.]

[SAME.—The authorized enlisted strength of the active list of the Marine Corps is hereby temporarily increased to 27,400, plus such number of men as may be serving with the American Expeditionary Forces abroad: *Provided*, That the average number of enlisted men of the Marine Corps on active duty during the fiscal year ending June 30, 1920, shall not exceed 27,400, distribution in the various grades to be made in the same proportion as provided under existing law.—Act July 11, 1919.]

SEC. 24. That the band of the United States Marine Corps shall consist of one leader, with the pay and allowances of a first lieutenant; one second leader, whose pay shall be seventy-five dollars per month, and who shall have the allowances of a sergeant major; thirty first-class musicians, whose pay shall be sixty dollars per month; and thirty second-class musicians, whose pay shall be fifty dollars per month and the allowances of a sergeant; such musicians of the band to have no increased pay for length of service.

[MARINE BAND.—That the band of the United States Marine Corps shall consist of one leader, whose pay and allowances shall be those of a captain in the Marine Corps; one second leader, whose pay shall be $150 per month and who shall have the allowances of a sergeant major; ten principal musicians, whose pay shall be $125 per month; twenty-five first-class musicians, whose pay shall be $100 per month; twenty second-class musicians, whose pay shall be $85 per month; and ten third-class musicians, whose pay shall be $70 per month; such musicians of the band to have the allowances of a sergeant and to have no increase in the rates of pay on account of length of service: *Provided*, That a member of the said band shall not, as an individual, furnish music, or accept an engagement to furnish music, when such furnishing of music places him in competition with any civilian musician or musicians, and shall not accept or receive remuneration for furnishing music except under special circumstances when authorized by the President.—Act August 29, 1916.]

SEC. 25. That the oath of allegiance now provided for the officers and men of the Army and Marine Corps shall be administered hereafter to the officers and men of the Navy.

SEC. 26. That all acts and parts of acts, so far as they conflict with the provisions of this act, are hereby repealed.

Approved, March 3, 1899.

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Table 1.—APPROPRIATIONS FOR THE NEW NAVY, FEBRUARY 22, 1883, TO JULY 1, 1921.

[Compiled from Treasury Department warrants (i. e., certificates) of moneys appropriated for the Naval Establishment.]

	1884	1885	1886	1887	1888	1889	1890	1891
SECRETARY'S OFFICE.								
Pay, miscellaneous	$301,834.97	$341,500.88	$611,954.97	$238,203.45	$219,427.62	$264,615.41	$251,784.31	$259,423.69
Contingent, Navy	100,141.25	57,508.59	76,834.05	10,000.00	7,000.00	58,142.72	7,000.00	7,000.00
Mileage, Navy and Marine Corps	.....	.....	209,808.86	144,453.71	.....	30,051.37	3,905.26	53,034.29
NAVIGATION.								
Contingent	4,215.33	4,234.40	7,557.43	5,178.13	5,000.00	5,480.22	5,182.32	15,000.00
Gunnery exercises	.....	.....	.....	.....	.....	.....	.....	6,000.00
Ocean and lake surveys	.....	.....	.....	.....	.....	.....	.....	10,000.00
Naval Home, Philadelphia, Pa	.....	.....	.....	.....	.....	.....	68,517.00	73,115.00
Naval Asylum	59,813.00	59,813.00	59,867.00	63,067.00	63,167.00	82,367.00	.....	.....
Transportation and recruiting	40,000.00	33,524.50	46,588.10	26,990.46	27,406.04	30,920.74	31,652.83	30,474.70
Survey, west coast Mexico, Hydrographic Office	.....	.....	.....	310.86	.....	.....	.....	.....
Velocity of light, Nautical Almanac	.....	.....	.....	14.56	.....	.....	.....	.....
Ocean surveys	10,000.00	.....	10,000.00	4,000.00	5,000.00	5,000.00	5,000.00	.....
Publication of surveys, Mexican coast	.....	.....	.....	7,000.00	5,000.00	5,000.00	5,000.00	.....
Outfits for naval apprentices	.....	.....	.....	.....	.....	.....	.....	30,000.00
Naval training station, Navigation	.....	.....	.....	.....	.....	.....	.....	14,000.00
Naval War College and Torpedo School	.....	.....	.....	6,234.20	.....	10,000.00	.....	10,000.00
Navigation and navigation supplies	100,000.00	87,500.00	96,038.83	83,960.66	83,500.00	97,818.67	106,151.38	.....
Compass-testing house	.....	.....	7,000.00	2,000.00	.....	32.89	.....	.....
Civil establishment	5,000.00	5,000.00	5,000.00	9,000.00	9,000.00	9,300.00	9,000.00	.....
ORDNANCE.								
Ordnance and ordnance stores	150,000.00	125,000.00	147,660.28	109,300.00	126,400.00	253,000.00	141,000.00	144,000.00
Torpedoes	100,000.00	.....	.....	.....	50,000.00	.....	.....	.....
Torpedo station, Newport, R. I	.....	.....	.....	.....	.....	.....	.....	60,000.00
Torpedo Corps	50,000.00	50,001.00	62,879.79	58,500.00	57,800.00	65,700.00	.....	.....
Torpedo Corps and War College	.....	.....	.....	.....	.....	.....	75,000.00	.....
Testing American armor	.....	.....	25,000.00	.....	.....	.....	.....	.....
Testing torpedoes	.....	.....	.....	.....	.....	.....	.....	20,000.00
Repairs, Ordnance	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00
Contingent, Ordnance	5,002.82	5,032.69	7,311.30	5,272.56	9,729.01	6,549.79	8,762.74	8,421.42
Civil establishment, Ordnance	5,000.00	5,000.00	5,000.00	23,204.00	24,525.00	24,525.00	24,525.00	26,624.00
Steel rifled breech-loading guns	83,265.00	41,632.50	.....	.....	.....	.....	.....	.....
Wire-wound guns	.....	.....	4,000.00	.....	.....	.....	.....	.....
Breech-loading rifled cannon	.....	.....	80,000.00	.....	.....	.....	.....	.....
Submarine guns	.....	.....	.....	.....	.....	.....	.....	30,000.00
Purchase of armor plates	.....	.....	.....	.....	.....	.....	.....	50,000.00

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EQUIPMENT.								
Equipment of vessels	800,000.00	750,463.30	1,201,068.69	782,200.00	625,000.00	735,066.87	775,000.00	913,550.00
Civil establishment, Equipment	9,000.00	9,000.00	9,000.00	16,800.00	11,525.00	11,525.00	11,525.00	19,025.00
Contingent, Equipment	18,584.77	11,190.18	42,786.02	20,000.00	15,951.14	16,130.94	15,000.00	10,459.05
Electric welding machine								12,000.00
YARDS AND DOCKS.								
Maintenance, Yards and Docks	264,000.00	200,000.00	200,000.00	170,000.00	170,000.00	165,000.00	165,000.00	230,000.00
Contingent, Yards and Docks	20,000.00	15,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00
Civil establishment, Yards and Docks	24,000.00	24,000.00	24,000.00	62,000.00	45,893.09	46,580.70	46,754.60	53,986.04
PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.								
Navy yard:								
Portsmouth, N. H								62,430.00
Boston, Mass					25,000.00	32,000.00	28,610.00	50,000.00
Brooklyn, N. Y	100,000.00	30,000.00	30,000.00	100,000.00		143,340.47	55,000.00	170,000.00
League Island, Pa						75,000.00	101,416.40	145,000.00
Washington, D. C	15,000.00					1,000.00	15,000.00	15,000.00
Norfolk, Va					20,000.00	114,488.00	16,000.00	40,000.00
Mare Island, Calif	275,000.00	250,000.000	276,000.00	213,595.00	46,364.00	54,700.00	145,755.40	80,000.00
Naval station:								
New London, Conn								6,500.00
And coaling depot—								
Port Royal, S. C., site for	5,000.00			4,000.00		1,628.00		
Port Royal, S. C							2,000.00	
Key West, Fla							8,000.00	1,000.00
Pago Pago, Samoa							100,000.00	
Naval wharf, Key West, Fla							798.57	
Purchase of land adjacent to Naval Academy							90,000.00	
New Naval Observatory				50,000.00	60,000.00	50,000.00	240,000.00	
Naval proving ground, Indianhead, Md					40,000.00			25,000.00
Naval training station, Coasters Harbor, R. I	45,000.00	21,000.00	33,000.00	8,000.00	14,000.00	14,000.00	20,000.00	
Boathouses for steam launches						30,000.00		
Building, naval torpedo station and War College							100,000.00	
Purchase or construction of four steel tugs							140,000.00	
Timber dry docks					1,100,000.00			
Navy yard:								
Boston, dry dock					31,000.00			
League Island, timber dry dock						550,000.00		
Construction of dry dock, Port Royal, S. C								200,000.00
Adjustable stern dock						30,000.00		
New naval magazine								75,000.00
Electric lighting of navy yards							60,000.00	
Launching ways and slips, New York and Norfolk								13,000.00
Buildings and grounds, Naval Academy								43,500.00
Repairs and preservation at navy yards	200,000.00	125,000.00	125,000.00	125,000.00	450,000.00	300,000.00	225,000.00	250,000.00
Naval hospital, Widows Island					50,000.00			
Sick quarters, navy yard, Portsmouth, N. H							35,000.00	8,000.00
Repairs, sea wall, naval hospital, Norfolk, Va						20,000.00		
Laundry at naval hospital, New York								5,600.00

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Table 1.—APPROPRIATIONS FOR THE NEW NAVY, FEBRUARY 22, 1883, TO JULY 1, 1921—Continued.

	1884	1885	1886	1887	1888	1889	1890	1891
PUBLIC WORKS, BUREAU OF YARDS AND DOCKS—continued.								
Marine barracks:								
Navy yard, Norfolk, Va.						$30,000.00	$15,000.00	
Sitka, Alaska								$6,000.00
Officers' quarters, navy yard, Mare Island, Calif.					$15,000.00	5,000.00		
Repair of barracks, Brooklyn, N. Y.							20,000.00	
MEDICINE AND SURGERY.								
Medical Department	$40,000.00	$40,206.00	$89,980.35	$55,000.00	57,500.00	58,300.49	57,500.00	60,000.00
Contingent, Medicine and Surgery	25,045.39	25,000.00	29,562.27	20,000.00	25,091.31	26,084.21	25,000.00	25,440.00
Civil establishment, Medicine and Surgery	20,000.00	20,000.00						
Repairs, Medicine and Surgery	15,000.00	10,000.00	10,000.00	15,000.00	20,000.00	25,000.00	20,000.00	20,368.62
Naval Hospital Fund	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	20,000.00	20,000.00	20,000.00
SUPPLIES AND ACCOUNTS.								
Pay of the Navy	7,133,980.00	6,986,218.03	7,487,793.88	7,001,633.99	7,215,350.17	7,349,942.55	7,284,709.66	7,250,000.00
Provisions, Navy	1,102,002.90	1,111,189.04	1,495,768.50	1,052,000.00	1,121,016.20	1,082,375.44	1,077,336.15	1,066,000.00
Civil establishments, Supplies and Accounts	6,000.00	6,000.00	6,000.00	35,000.00	70,000.00	67,287.56	66,510.03	67,532.03
Contingent, Supplies and Accounts	40,000.00	35,000.00	57,074.13	70,000.00	51,027.62	47,135.29	40,000.00	42,740.54
Clothing				1,068.95				
Small stores, Navy				30.26				
Clothing and small stores fund								27,800.33
CONSTRUCTION AND REPAIR.								
Construction and repair	1,334,000.00	1,005,396.68	1,011,163.28	900,055.89	943,691.25	75,000.00	900,000.00	1,000,000.00
Civil establishment, Construction and Repair	20,000.00	10,000.00	20,000.00	43,000.00	20,989.75	20,162.01	19,972.50	19,792.50
Repair of vessels					200,000.00			
Improvement of plant:								
Brooklyn, N. Y.							50,000.00	
Mare Island, Calif.						100,000.00		
Improvement of construction plant, navy yard, Norfolk, Va.							50,000.00	
Construction plant, navy yard:								
Portsmouth, N. H.								50,000.00
Boston, Mass.								50,000.00
Brooklyn, N. Y.								50,000.00
League Island, Pa.								50,000.00
Norfolk, Va.								50,000.00
Mare Island, Calif.								50,000.00
STEAM ENGINEERING.								
Steam machinery	1,000,000.00	920,000.00	1,053,046.13	763,000.00	675,000.00	605,000.00	605,000.00	650,000.00
Civil establishment, Steam Engineering	10,000.00	10,000.00	10,000.00	27,667.25	17,200.00	17,018.63	17,000.00	11,900.00
Contingent, Steam Engineering	1,000.00	1,000.00	1,000.00	500.00	500.00	1,000.00	1,000.00	1,000.00

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Machinery, double-turreted monitors	1,000,000.00							
Testing Clark's defective turrets	20,000.00							
Machinery plants, navy yard:								
Boston, Mass.								40,000.00
New York, N. Y.								75,000.00
Mare Island, Calif.								50,000.00
NAVAL ACADEMY.								
Pay, Naval Academy	98,882.73	98,856.10	98,829.45	103,731.97	104,030.45	104,013.45	104,013.45	104,217.45
Special course, Naval Academy				5,000.00	5,000.00	5,000.00	5,000.00	5,000.00
Heating and lighting, Naval Academy	17,000.00	17,000.00	17,000.00	17,000.00	17,000.00	17,000.00	17,000.00	17,000.00
Contingent, Naval Academy	44,400.00	44,763.61	44,517.83	42,300.00	41,800.00	41,800.00	41,800.00	41,800.00
Repairs, Naval Academy	21,000.00	21,000.00	21,000.00	21,000.00	36,000.00	21,000.00	21,000.00	21,000.00
Furniture for cadet's quarters, Naval Academy							2,500.00	6,500.00
Furnishing gymnasium, Naval Academy								5,000.00
MARINE CORPS.								
Pay, Marine Corps	642,985.00	653,517.35	649,671.91	649,666.00	654,874.97	673,807.66	685,708.35	687,471.79
Provisions, Marine Corps	60,002.40	72,096.44	61,257.79	62,500.00	62,235.43	62,185.05	64,617.64	69,137.72
Clothing, Marine Corps	77,000.00	77,000.00	77,000.00	55,384.03	75,279.83	65,000.00	74,927.00	75,000.00
Fuel, Marine Corps	18,000.00	18,000.00	18,000.00	18,000.00	18,079.82	20,778.60	21,330.12	20,000.00
Military stores, Marine Corps	9,786.50	9,786.50	9,786.50	9,786.50	9,797.00	10,786.50	12,000.00	12,000.00
Transportation and recruiting, Marine Corps	10,000.00	21,158.62	13,759.68	10,000.00	9,843.95	12,500.00	10,873.22	12,000.00
Repairs of barracks, Marine Corps	14,500.00	15,182.20	14,500.00	16,664.21	14,530.00	10,780.00	16,780.00	18,850.00
Forage, Marine Corps	5,400.00	5,400.00	5,400.00	4,400.00	4,000.00	3,599.38	3,817.80	3,500.00
Hire of quarters, Marine Corps				4,500.00	6,624.00	6,560.00	6,624.00	6,624.00
Contingent, Marine Corps	25,721.86	26,358.66	27,538.83	26,946.19	26,565.90	29,437.07	30,687.79	29,804.26
INCREASE OF THE NAVY.								
Construction and machinery						3,500,000.00	4,055,000.00	5,475,000.00
Armor and armament						2,000,000.00	2,500,000.00	2,500,000.00
Armament				1,000,000.00	2,128,362.00			
Vessels and monitors				2,500,000.00	2,420,000.00			
Gunboats and cruisers					1,500,000.00			
Vessels for coast and harbor defense					1,000,000.00			
Steel cruisers:								
Construction and repair	1,300,000.00	921,500.00	115,519.84	95,861.00		47,291.83		
Machinery, Steam Engineering		620,000.00	86,983.57			5,382.73		
Equipment		78,600.00						
Navigation		30,000.00				2,500.00		
Ordnance		500,000.00		91,137.00		175,000.00		
Labor				60,000.00				
Freight and material				48,913.00				
Foreign and domestic bills				37,294.84				
Existing contracts				83,655.16				
Powder for the Boston				12,000.00				
Gun carriages for the Chicago				10,000.00				
Armor and gun steel					4,000,000.00			
Nickel								1,000,000.00
Steel practice vessel						260,000.00		
Vessels authorized Mar. 3, 1885			1,895,000.00					
Rapid twist guns and reinforce cartridges							50,000.00	

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Table 1.—APPROPRIATIONS FOR THE NEW NAVY, FEBRUARY 22, 1883, TO JULY 1, 1921—Continued.

	1884	1885	1886	1887	1888	1889	1890	1891
INCREASE OF THE NAVY—Continued.								
Gun plant, navy yard, Washington, D. C							$625,000.00	$145,000.00
Care of monitors			$5,000.00					
Completing U. S. S. Mohican			50,000.00					
MISCELLANEOUS.								
Bounty for destruction of enemy's vessels		$144,981.94	46.70					
Commission on dry docks								15,000.00
Commission on new navy yards and dry docks						$15,000.00		
Commission on navy yards	$2,500.00	3,788.81						
Consolidating naval supplies								10,000.00
Claims for damages by collision with naval vessels	19,957.15							
Certified claims							406,863.93	195,482.95
Destruction of clothing and bedding for sanitary reasons				$2,132.01		497.11		
Enlistment bounty to seamen		5,134.07	1,635.80					
Expenses in connection with Arctic exploring expedition	12,504.64							
Extra pay to officers, etc., who served in the Mexican War	1,028.00	122,639.81	58,310.72	15,079.06	$5,871.51	13,437.33	11,250.00	2,287.50
Extra pay to officers and men who served in the Pacific						339.91		
Furniture, State, War, and Navy Department Building	25,000.00							
Gratuities to machinists in lieu of reenlistments					918.60			
Indemnity for lost clothing	1,429.93	10,370.56	1,136.95	2,667.49		360.00	18,796.36	299.91
Observation of eclipse of sun, Dec. 22, 1889							5,000.00	
Observation of transit of Venus		5,000.00		4,160.63				
Pay civilian members Naval Advisory Board				5,500.00				
Payment of officers and crew U. S. S. Kearsarge for destruction of the Alabama						541.04		
Private acts, etc. (various)	8,338.74		31,718.92		780.00	23,991.27	9,924.64	15,064.85
Payment of Harlan & Hollingsworth Co. for use of shipyard and care of Amphitrite			67,987.00					
Payment to John Roach for use of shipyard and care of monitor Puritan			69,201.00					
Payment to Wm. Cramp & Sons for use of shipyard and care of Terror			75,790.00			3,352.00		
Payment to captain and owners North Star, rescue crew U. S. S. Rogers	20,000.00							
Payment to H. H. Nichols for engraving Bowditch Navigator	2,581.79							
Payment of Japanese award	140,000.00							
Purchase of farmers' house, Coasters Harbor Island, R. I								2,250.00
Purchase steamer Stiletto					25,000.00			
Relief of survivors and others exploring steamer Jeannette					16,956.28			
Relief of sufferers by wreck of the U. S. S. Ashuelot					12,822.00			
Relief of Lady Franklin Bay expedition to Arctic regions		762,953.15						

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Relief of sufferers by wreck of United States steamers at Apia, Samoa									201,878.73
Relief of officers and crew U. S. S. Rodgers		5,218.32	215.00						
Relief of sufferers, wreck U. S. S. Huron		318.00							186.00
Relief of persons impressed into U. S. naval service								1,532.86	
Reward for services to officers and crew U. S. S. Rodgers		3,000.00							
Reward for rescue of Lady Franklin Bay expedition to Arctic regions			25,000.00						
Search of steamer Jeannette								2,150.75	
Tuition of two naval cadets, Royal Naval College at Greenwich		900.00							

	1883 and prior years.	1884	1885	1886	1887	1888	1889	1890	1891
TOTALS.									
Amount of appropriations for each fiscal year		$17,189,340.49	$16,796,714.21	$18,256,336.45	$17,412,520.02	$26,091,338.34	$20,935,210.90	$22,246,567.06	$24,742,253.05
Amount appropriated and warranted during—									
Current fiscal year		16,920,288.80	10,430,249.26	16,372,981.81	17,364,932.25	25,804,105.58	20,251,058.53	21,985,597.35	24,707,070.00
First subsequent fiscal year	$27,406.51	258,900.00	6,230,253.85	82.25	20,000.00	51,514.77	169,635.29	175,450.85	5,000.00
Second subsequent fiscal year	57,186.47	3,080.31	39,755.58		9,516.73	171,456.52	504,767.00	80,804.71	27,149.15
Third subsequent fiscal year	36,877.57	6,930.13		572,396.65	17,972.54	64,237.47	9,714.63	4,714.15	3,033.81
Fourth subsequent fiscal year	174,926.07		93,204.68	1,310,875.74	74.50				
Fifth subsequent fiscal year		141.25							
Sixth subsequent fiscal year			3,025.84			24.00	35.45		
Seventh subsequent fiscal year					24.00				

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Table 1.—APPROPRIATIONS FOR THE NEW NAVY, FEBRUARY 22, 1883, TO JULY 1, 1921—Continued.

	1892	1893	1894	1895	1896	1897	1898	1899	1900
SECRETARY'S OFFICE.									
Pay, miscellaneous	$266,408.52	$273,716.36	$256,699.62	$326,380.96	$304,249.27	$302,176.82	$400,337.22	$400,000.00	$592,977.30
Contingent, Navy	10,092.15	7,000.00	7,000.00	8,526.52	7,000.00	8,958.04	7,240.08	7,000.00	10,432.59
Arming and equipping Naval Militia	25,000.00	25,000.00	25,000.00	25,000.00	25,000.00	50,000.00	50,000.00	60,000.00	60,000.00
Emergency fund								26,001,840.57	625,652.69
Mileage, Navy and Marine Corps	19,279.26	46,567.96	18,319.76	26,256.77	11,037.26	18,097.87	11,822.68	8,210.48	318.60
National defense							20,622,415.20	6,197,701.02	1,045,064.40
NAVIGATION.									
Gunnery exercises	6,000.00	6,000.00	6,124.17	6,000.00	6,252.95	6,148.99	6,000.00	6,000.00	12,300.02
Ocean and lake surveys	14,000.00	14,000.00	14,000.00	14,000.00	14,000.00	14,000.00	16,416.60	44,007.52	100,000.00
Naval training station, California									30,412.32
Naval training station, Rhode Island									30,000.00
Naval War College									9,200.00
Naval Home, Philadelphia, Pa	71,215.00	70,215.00	69,215.00	80,465.00	79,315.00	79,725.00	78,725.00	77,725.00	76,425.00
Transportation, recruiting, and contingent	45,000.00	40,000.00	45,000.00	45,546.00	50,681.30	45,000.00	94,407.46	320,000.00	105,951.48
Ocean surveys	577.28								
Outfits for naval apprentices	30,000.00	30,000.00	41,610.00	30,000.00	25,000.00	33,750.00	46,372.29	41,250.00	112,500.00
Naval training station, Navigation	18,000.00	18,000.00	44,000.00	30,000.00	30,016.69	32,500.00	30,000.00	30,000.00	
Naval training station, Navigation, hospital					20,000.00		33.40		
Naval War College and Torpedo School	10,000.00	8,000.00	8,000.00	8,000.00	10,000.00	11,200.00	11,200.00	19,200.00	
Curdan & Kold Letter Engraving Co				20,000.00					
Telegraphic cable surveys between San Francisco and Honolulu	25,000.00								
Navy transportation, Pacific roads			40,109.87	74.09	45,371.70	10,158.77	19,231.68	50,857.07	63,930.43
Naval coast signal system								275,000.00	
Transportation of officers' effects									2,500.00
ORDNANCE.									
Ordnance and ordnance stores	155,000.00	155,000.00	200,000.00	200,000.00	300,000.00	450,000.00	700,001.00	7,820,000.00	2,036,908.80
Modern battery for Hartford							150,000.00		
Modern battery for Chicago								50,000.00	
Reserve projectiles	30,000.00					200,000.00			
Reserve torpedoes and appliances								250,000.00	
Torpedoes						142,000.00			
Torpedo station, Newport, R I	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	75,000.00	71,500.00	97,500.00	65,000.00
Testing high explosives						50,000.00			
Experimenting with armor-piercing projectiles								25,000.00	
Repairs, Ordnance	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00
Contingent, Ordnance	8,200.56	8,082.29	9,097.94	8,338.47	8,000.00	13,950.63	16,161.07	8,000.00	95,005.36
Civil establishment, Ordnance	26,824.00	26,824.00	26,824.00	26,824.00	26,824.00	29,324.00	29,324.00	29,324.00	32,024.00

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Patent rights, breech-loading ordnance				25,000.00					
Reserve guns, auxiliary cruisers						400,000.00	250,000.00	250,000.00	250,000.00
Floating tug or crane	30,000.00								
EQUIPMENT.									
Equipment of vessel	960,000.00	925,093.82	948,180.09	1,090,114.30	1,278,292.50	1,319,648.00	3,056,085.05	6,685,804.00	2,784,458.13
Civil establishment, Equipment	19,025.00	19,025.00	19,025.00	19,025.00	19,625.00	19,625.00	16,500.00	16,500.00	17,475.00
Contingent, Equipment	15,000.00	12,000.00	12,889.66	13,911.44	17,009.08	17,695.28	22,625.38	37,074.00	42,500.25
Equipment plant, Philippine Islands									30,000.00
Coal barges, Equipment									150,000.00
Water, Equipment									25,000.00
YARDS AND DOCKS.									
Maintenance, Yards and Docks	230,000.00	230,000.00	230,000.00	250,000.00	250,000.00	265,000.00	375,000.00	350,000.00	400,012.16
Contingent, Yards and Docks	20,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	20,000.00	20,000.00	30,000.00
Civil establishment, Yards and Docks	59,197.37	61,380.69	61,494.54	61,494.54	61,597.37	61,486.04	67,110.44	72,710.44	83,442.23
Naval Observatory				23,956.00	22,000.00	14,300.00	5,000.00	11,200.00	10,000.00
Naval Observatory, land						834.58			
PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.									
Navy yard:									
Portsmouth, N. H.	22,287.00	13,500.00	15,000.00						306,000.00
Boston Mass	17,000.00		20,000.00	15,000.00	1,500.00	9,000.00	14,500.00	177,400.00	379,000.00
Brooklyn, N. Y	126,835.00	35,000.00	300,000.00	140,000.00	151,395.00	185,000.00	153,000.00	855,037.00	1,047,652.00
League Island, Pa	127,276.62	43,600.00	78,000.00	81,900.00	44,500.00	37,580.00	193,222.00	296,500.00	800,767.00
Washington, D. C	21,788.00	15,000.00	30,500.00	50,044.00	51,879.00	77,669.21	5,132.82	96,347.00	205,000.00
Norfolk, Va	29,166.00	31,500.00	23,000.00	110,468.07	46,012.00	44,000.00	130,000.00	171,000.00	500,000.00
Pensacola, Fla								110,000.00	
Mare Island, Calif	51,785.24	18,800.00	41,648.00	29,019.00	110,874.00	97,294.57	216,785.00	632,571.00	935,750.00
Puget Sound, Wash							80,143.62	132,832.00	48,500.00
Naval station:									
New London, Conn								200,000.00	25,000.00
Port Royal, S. C			12,096.00	18,368.00	77,915.00	185,182.00	11,837.13	455,325.50	145,000.00
Key West, Fla				10,000.00	60,000.00	10,400.00	35,000.00	25,000.00	112,520.00
Additional land, navy yard, Norfolk, Va									145,687.50
New Naval Observatory	136,689.00	17,500.00	16,500.00						
Guncotton factory, torpedo station				11,077.00					
Naval proving ground, Indianhead, Md		25,000.00			20,000.00				
Telephone line to naval proving ground, Indianhead, Md								10,000.00	
Smokeless powder factory								93,727.00	25,000.00
Naval training station:									
Rhode Island, buildings									125,000.00
California, buildings								50,000.00	50,000.00
Naval station, Newport, R. I					9,000.00	1,000.00	1,000.00	1,000.00	
Depots for coal								250,000.00	400,000.00
Naval coaling stations		250,000.00							
Coaling wharf, Japonski Island, Alaska								5,000.00	

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Table 1.—APPROPRIATIONS FOR THE NEW NAVY, FEBRUARY 22, 1883, TO JULY 1, 1921—Continued.

	1892	1893	1894	1895	1896	1897	1898	1899	1900
PUBLIC WORKS, BUREAU OF YARDS AND DOCKS—continued.									
Steam tugs:									
Navy yard—									
Mare Island, Calif.				$50,000.00	$30,000.00				
League Island, Pa.					25,000.00	$8,000.00			
Naval station—									
Port Royal, S. C.							$50,000.00		
Puget Sound, Wash.							50,000.00		
Steel lighter, navy yard, New York, N. Y.							20,000.00		
Steam lighters navy yard, League Island, Pa.									$30,000.00
Board on dry docks								$1,000.00	
Four timber dry docks								800,000.00	800,000.00
Floating dry docks, Gulf coast								250,000.00	
Dry dock, Puget Sound, Wash.	$210,000.00		$225,000.00	51,079.83	260,000.00	101,230.00			
Steel floating dock, Algiers, La.								200,000.00	
Dry dock, Algiers, La.			25,000.00	23,025.03					
Repairs to dry dock Brooklyn, N. Y.							100,000.00	50,000.00	
Construction of dry docks Port Roya , S. C.	150,000.00	$156,500.00		18,521.42					
Naval magazine									
Fort Lafayette, N. Y.								15,000.00	5,000.00
New York Harbor									600,000.00
Dover, N. J.						15,000.00			
Fort Mifflin, Pa.						50,000.00		45,000.00	68,000.00
Norfolk, Va.									27,500.00
Craney Island	15,000.00								
Mare Island, Calif.				17,900.00					
Alaska	10,000.00								
Removal of naval magazine, Craney Island					75,000.00				
Launching ways and slips, New York and Norfolk	13,000.00								
Housing torpedo vessels								150,000.00	
Buildings and grounds, Naval Academy	19,000.00		56,000.00	28,000.00		43,000.00	2,500.00	505,000.00	720,000.00
Repairs and preservation at navy yards	300,000.00	275,000.00	275,000.00	300,000.00	400,000.00	400,000.00	565,000.00	450,000.00	500,000.00
Naval hospitals:									
Chelsea, Mass.							6,000.00		45,000.00
For contagious diseases, Newport, R. I.								6,500.00	
Port Royal, S. C.							4,000.00		
Mare Island, Calif., medical director's house	15,500.00								
Naval cemetery:									
Chelsea, Mass.									2,500.00
Brooklyn, N. Y.								1,000.00	
Norfolk, Va.								1,000.00	
Mare Island, Calif.						1,000.00			

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Marine barracks:									
Coasters Harbor Island			15,000.00						
Port Royal, S. C		3,000.00	2,600.00						
Sitka, Alaska		431.01							
And quarters, Annapolis, Md									81,000.00
MEDICINE AND SURGERY.									
Medical Department	60,000.00	55,553.73	60,000.00	60,299.40	62,450.46	75,025.60	75,020.95	175,010.00	89,020.03
Contingent, Medicine and Surgery	25,494.10	25,996.29	25,623.12	26,156.34	26,139.55	30,585.51	31,535.20	40,000.00	32,697.65
Repairs, Medicine and Surgery	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00
Reimbursement for bringing home remains, etc									351.12
Ambulances for naval hospitals				1,800.00		1,200.00	1,200.00	600.00	
Naval hospital fund	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00	30,000.00
SUPPLIES AND ACCOUNTS.									
Pay of the Navy	7,300,123.70	7,300,574.06	7,380,069.05	7,556,261.61	7,880,308.92	8,345,684.96	8,238,157.87	17,955,460.00	13,500,399.96
Provisions, Navy	1,100,000.00	1,090,000.00	1,149,077.27	1,175,244.20	1,175,000.00	1,405,039.60	2,810,155.30	2,500,000.00	3,000,353.44
Civil establishment, Supplies and Accounts	67,581.09	67,532.03	67,532.03	67,532.03	67,581.00	67,532.03	70,432.03	70,432.03	70,432.03
Contingent, Supplies and Accounts	44,034.96	42,462.56	43,521.75	47,553.06	45,000.00	55,851.65	101,864.32	150,000.00	150,137.76
Transportation of naval supplies			20,000.00						
Clothing and small stores fund								1,000,000.00	1,000,000.00
Naval supply fund			200,000.00			300,000.00	1,000,000.00		1,000,000.00
CONSTRUCTION AND REPAIR.									
Construction and Repair	1,000,000.00	950,000.00	950,000.00	900,000.00	1,750,000.00	1,250,000.00	4,600,143.20	8,950,000.00	5,680,220.28
Civil establishment, Construction and Repair	19,972.50	19,972.50	19,972.50	19,972.50	19,972.50	19,972.50	19,972.50	23,407.00	23,407.00
Coaling barge, Bureau Construction and Repair								16,000.00	
Repairs to—									
U. S. S. Hartford				150,000.00		100,000.00	70,000.00	30,000.00	
U. S. S. Chicago						250,000.00	50,000.00	225,000.00	
U. S. S. Constitution				8,000.00					
Model tank, navy yard, Washington, D. C						7,500.00	92,500.00		
Construction plant:									
Navy yard—									
Portsmouth, N. H	25,000.00							50,000.00	25,000.00
Boston, Mass								50,000.00	25,000.00
Brooklyn, N. Y								50,000.00	25,000.00
League Island, Pa								50,000.00	25,000.00
Norfolk, Va								50,000.00	25,000.00
Pensacola, Fla									25,000.00
Mare Island, Calif								50,000.00	25,000.00
Puget Sound, Wash								20,000.00	25,000.00
Naval station—									
Port Royal, S. C							50,000.00		25,000.00
Key West, Fla									25,000.00

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Table 1.—APPROPRIATIONS FOR THE NEW NAVY, FEBRUARY 22, 1883, TO JULY 1, 1921—Continued.

	1892	1893	1894	1895	1896	1897	1898	1899	1900
STEAM ENGINEERING.									
Steam machinery	$700,000.00	$650,000.00	$768,729.24	$907,055.00	$883,325.32	$1,329,946.59	$2,254,262.98	$5,600,000.00	$2,676,026.43
Civil establishment, Steam Engineering	11,900.00	11,900.00	11,900.00	11,900.00	11,900.00	11,900.00	11,900.00	11,900.00	13,200.00
Contingent, Steam Engineering	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
Experiments with liquid fuel, Bureau of Steam Engineering								15,000.00	
Machinery plant:									
Navy yard—									
Boston, Mass								15,000.00	
New York, N. Y									800,000.00
League Island, Pa		25,000.00							75,000.00
Norfolk, Va								35,000.00	15,000.00
Mare Island, Calif							50,000.00		
Puget Sound, Wash								30,000.00	25,000.00
Naval station—									
Port Royal, S. C								50,000.00	
Key West, Fla								30,000.00	
NAVAL ACADEMY.									
Pay, Naval Academy	104,273.45	104,265.45	104,265.45	107,158.97	105,189.13	106,401.45	106,401.45	106,401.45	107,353.45
Special course, Naval Academy	5,000.00	5,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00
Heating and lighting, Naval Academy	17,000.00	18,620.26	18,218.95	18,900.02	20,000.00	20,000.00	20,000.00	20,000.00	20,000.00
Contingent, Naval Academy	41,800.00	41,800.00	41,800.00	42,610.56	41,300.00	46,400.00	43,800.00	45,545.00	43,800.00
Repairs, Naval Academy	21,000.00	21,000.00	21,000.00	31,000.00	21,000.00	62,873.52	21,000.00	58,032.00	21,000.00
MARINE CORPS.									
Pay, Marine Corps	696,993.80	687,543.67	696,983.52	700,832.65	729,804.93	792,570.99	816,661.78	878,554.23	1,597,919.23
Provisions, Marine Corps	74,580.64	90,802.79	109,775.08	84,191.10	90,085.33	120,642.75	103,370.35	131,911.50	438,613.20
Clothing, Marine Corps	75,000.00	75,000.00	85,000.00	81,034.16	80,000.00	97,255.00	97,255.00	213,210.00	290,199.54
Fuel, Marine Corps	23,000.00	19,500.00	19,500.00	19,500.00	19,500.00	19,500.00	19,500.00	19,500.00	25,000.00
Military stores, Marine Corps	17,010.50	13,286.50	13,286.50	13,534.74	13,297.00	13,677.34	13,297.00	31,797.00	47,515.21
Transportation and recruiting, Marine Corps	15,083.33	16,780.24	15,000.00	15,000.00	15,021.38	15,070.34	15,425.92	23,064.00	31,192.83
Repairs of barracks, Marine Corps	14,300.00	16,512.00	12,000.00	20,000.00	12,000.00	23,500.00	45,892.51	18,925.00	16,300.00
Forage, Marine Corps	3,500.00	2,800.00	3,068.07	3,389.85	3,242.13	2,800.00	3,000.00	3,000.00	6,000.00
Hire of quarters, Marine Corps	6,624.00	6,624.00	6,624.00	6,624.00	6,624.00	6,624.00	6,996.00	7,356.00	12,624.00
Contingent, Marine Corps	33,056.31	28,064.61	34,036.71	32,275.61	32,781.39	35,707.46	33,706.31	50,166.07	82,590.07
Pay, provisions, etc., Marine Corps							20,400.00	567,900.00	
Reimbursement to enlisted men of Marine Corps for losses								51.73	

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INCREASE OF THE NAVY.									
Construction and machinery	13,107,000.00	7,000,000.00	6,875,000.00	5,955,025.00	8,364,851.30	6,870,600.00	6,425,359.00	13,648,473.00	5,992,402.00
Armor and armament	4,000,000.00	2,000,000.00		4,000,000.00	4,837,670.00	4,371,454.00	7,220,796.00	7,162,800.00	4,000,000.00
Equipment	400,000.00	400,000.00	250,000.00		125,000.00	287,000.00	162,628.00	415,000.00	400,000.00
Training vessel for Naval Academy							[1] 250,000.00	125,000.00	
Traveling cranes	100,000.00	60,000.00							
Remission of penalty on dynamite cruiser Vesuvius				39,700.00	40,350.00				
Gun plant, navy yard, Washington, D. C.				117,000.00		50,000.00		36,000.00	50,000.00
Submarine torpedo boat			200,000.00						
MISCELLANEOUS.									
Claims for damages by collision with naval vessels									1,470.07
Consolidating naval supplies			10,000.00						
Certified claims	20,577.11	64,907.86	25,427.50	32,543.90	27,420.86	40,902.48	52,075.47	34,444.81	37,012.47
Extra pay to officers and men who served in the Mexican War	1,525.50	2,579.67	2,597.50	485.00	650.00	2,609.25	2,656.50	4,435.33	3,065.17
Indemnity for lost clothing	7,329.32	180.00	9,499.74	1,171.64					
Indemnity for lost property, naval service				9,821.68	10,785.00	2,496.94	40.25	33.75	
International naval review		50,000.00	300,000.00						
Medals for Jeannette, Arctic expedition		734.13							
Observation eclipse of the sun, May 28, 1919									5,000.00
Pay to W. H. Michael for compilation of laws relating to Navy and Marine Corps									3,000.00
Private acts, etc. (various)	85,952.92	1,391.00	3,606.20	3,435.45	1,626.71	4,569.29	5,216.85	428,152.37	285,821.80
Payment on account of monitor Amphitrite				4,891.73					
Payment to Harlan & Holingsworth Co. for use of shipyard and care of Amphitrite		2,752.00							
Payment on account purchase steamers De Soto and Bienville					41,701.95				
Relief of sufferers, wreck of U. S. S. Huron	156.00								
Relief of persons impressed into the United States naval service							732.60	560.10	
Relief of sufferers by wreck of United States steamers at Apia, Samoa	8,478.13	3,812.78	308.77		1,125.75	447.45	270.25	39.00	312.00
Removal of remains of D. F. Terrell, ensign, U. S. Navy, from Alaska		830.33							
Relief of Rodman M. Price		45,204.08	7,900.00					23,100.00	
Relief of sufferers by destruction of U. S. S. Maine							83,358.19	34,074.73	5,733.00
Removal of remains of officers and men who perished by destruction of U. S. S. Maine								10,000.00	
Recovering the remains of officers and men and property from wreck of U. S. S. Maine								200,000.00	
Reclaiming wreck of U. S. S. Kearsarge				45,000.00					
Sword of honor to Commodore George Dewey and medals commemorating Battle of Manila Bay								10,000.00	

[1] Deficiency act July 19, 1898, reduced this amount to $125,000.

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Table 1.—APPROPRIATIONS FOR THE NEW NAVY, FEBRUARY 22, 1883, TO JULY 1, 1921—Continued.

	1892	1893	1894	1895	1896	1897	1898	1899	1900
MISCELLANEOUS—continued.									
Survey of Pearl Harbor, Hawaii							$10,000.00		
Transporting contributions for famishing poor in India									$20,000.00
Vessels for United States naval force								$3,000,000.00	
TOTALS.									
Amount of appropriations for each fiscal year	$32,723,493.45	$24,025,688.67	$22,928,256.60	$25,759,215.64	$30,686,652.32	$31,268,274.90	62,993,512.90	119,921,780.10	59,088,546.98
Amount appropriated and warranted during—									
Current fiscal year	32,680,521.30	23,962,657.47	22,583,638.85	25,535,535.19	29,431,923.39	30,688,712.64	55,034,653.20	116,182,715.04	58,546,175.88
First subsequent fiscal year	548.40		100,278.04	36,800.00	447,615.89	266,058.96	7,515,866.54	3,710,817.14	394,455.23
Second subsequent fiscal year	38,064.07	61,721.34	107,390.61	185,896.45	795,242.60	140,300.78	380,553.25	21,325.56	28,580.41
Third subsequent fiscal year	4,152.13	639.16	136,377.03	253.81	11,368.88	173,074.89	54,093.65	4,834.30	84,397.70
Fourth subsequent fiscal year	81.25	93.82		440.73	46.41			2,087.56	21,369.66
Fifth subsequent fiscal year	126.30	576.88	475.41	272.66			8,071.62	.60	13,254.97
Sixth subsequent fiscal year			.66			97.65	91.25		
Seventh subsequent fiscal year					18.77		181.24		313.13
Other subsequent fiscal years			(1904) 96.00	(1903) 16.80	(1905) 21.38	(1905) 30.00	(1911) 2.15		

	1901	1902	1903	1904	1905	1906	1907	1908
SECRETARY'S OFFICE.								
Pay, miscellaneous	$631,147.65	$651,525.96	$634,309.22	$602,861.71	$640,744.71	$675,243.36	$650,000.00	$675,002.80
Contingent, Navy	11,340.85	11,590.19	10,000.00	17,410.29	65,113.34	65,000.00	65,000.00	65,000.00
Arming and equipping Naval Militia	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00	60,000.00
Buildings for lepers, island of Guam, etc								16,000.00
Emergency fund	495,359.10	206,501.60	112,792.49	37,216.67				
National defense	203,895.74	24,999.72	17,634.10	664.28	11.44			
NAVIGATION.								
Transportation, Navigation				295,671.96	319,084.49	380,000.00	508,543.84	724,679.16
Recruiting				88,933.10	97,141.00	90,141.00	121,373.00	121,340.00
Contingent				27,684.40	30,386.20	25,000.00	15,000.00	15,000.00
Gunnery exercises	13,068.73	16,142.30	12,000.00	120,262.88	120,338.88	120,000.00	120,000.00	120,000.00
Outfits on first enlistment			250,770.20	463,610.32	450,121.62	567,000.00	567,000.00	1,022,830.82
Maintenance, naval auxiliaries								500,179.15
Ocean and lake survey	100,425.00	100,050.00	100,000.00	100,885.00	75,000.00	75,000.00	75,000.00	75,000.00

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Naval training station:								
California	37,494.32	30,014.31	33,200.65	40,000.00	40,000.00	50,000.00	50,000.00	64,564.05
Rhode Island	45,000.00	45,059.60	58,652.00	69,298.68	56,000.00	61,000.00	71,511.50	71,000.00
Great Lakes							26,940.00	26,940.00
Naval War College	9,200.00	11,200.00	16,346.25	11,200.00	13,200.00	16,900.00	16,900.00	18,700.00
Naval Home, Philadelphia, Pa	76,425.00	76,425.00	76,425.00	77,344.00	76,725.00	76,825.00	77,215.00	73,683.00
Transportation, recruiting, and contingent	143,804.01	201,463.95	393,410.28					
Outfits for naval apprentices	112,500.00	117,336.30	117,000.00					
Outfits for landsmen	146,231.28	225,157.50	225,318.99					
Maintenance of colliers		350,000.00	412,171.04	422,251.21	393,084.00	393,084.00	450,000.00	
Medals for officers and men, Navy and Marine Corps	25,000.00					10,000.00		
Navy transportation, Pacific roads	71,490.21	64,383.28	44,495.78	98,660.84	77,203.10	83,958.85	45,772.40	14,941.19
ORDNANCE.								
Ordnance and ordnance stores	1,562,590.00	1,825,000.00	2,359,486.62	2,581,003.04	3,529,301.78	3,511,300.00	4,015,000.00	5,289,000.00
New batteries for ships of the Navy								349,200.00
New batteries for—								
Baltimore		175,000.00						
Newark			175,000.00					
New York				100,000.00				
New Orleans and Albany			200,000.00					
Modernizing batteries, Massachusetts and Oregon, and new guns and armor for New York							466,000.00	
Reserve ammunition								4,000,000.00
Reserve powder and shell							2,000,000.00	
Reserve torpedoes and appliances						100,000.00		250,000.00
Torpedo station, Newport, R. I	65,000.00	65,000.00	65,006.92	65,105.00	65,000.00	65,000.00	65,000.00	70,000.00
Repairs, Ordnance	38,199.48	42,352.78	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00
Contingent, Ordnance	70,000.00	75,013.36	87,239.06	76,355.80	93,373.86	25,000.00	25,000.00	27,222.60
Civil establishment, Ordnance	32,624.00	36,606.75	41,006.75	46,006.75	47,006.75	47,006.75	47,006.75	47,206.75
Reserve guns, auxiliary cruisers	250,000.00	250,000.00	250,000.00		125,000.00	50,000.00		
Reserve guns for ships of the Navy			250,000.00		125,000.00	150,000.00	750,000.00	750,000.00
Reserve mines and appliances								100,000.00
Fire control for ships of the Navy								300,000.00
Torpedoes and converting torpedo boats								300,000.00
Ordnance machinery, navy yard:								
New York, N. Y			11,000.00					
Pensacola, Fla			12,000.00					
Mare Island, Calif		24,000.00						
Puget Sound, Wash			50,000.00					
Ammunition lighter, naval station:								
Puget Sound, Wash		18,000.00						
Cavite, P. I				30,000.00				
EQUIPMENT.								
Equipment of vessels	3,952,072.46	1,952,639.04	2,854,829.37	3,056,276.22	3,000,127.78	3,001,693.00	3,000,000.00	3,250,000.00
Civil establishment, Equipment	19,052.52	29,802.52	31,402.52	33,602.52	38,028.00	38,028.00	38,028.00	38,028.00
Contingent, Equipment	27,503.25	35,042.22	35,049.90	41,537.42	50,408.27	14,000.00	11,000.00	16,183.21
Equipment plant, Philippine Islands	20,000.00							

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Table 1.—APPROPRIATIONS FOR THE NEW NAVY, FEBRUARY 22, 1883, TO JULY 1, 1921—Continued.

	1901	1902	1903	1904	1905	1906	1907	1908
YARDS AND DOCKS.								
Maintenance, Yards and Docks	$500,654.17	$574,127.35	$702,689.83	$762,959.11	$795,066.72	$755,235.53	$867,816.86	$950,000.00
Contingent, Yards and Docks	50,000.00	50,000.00	41,864.51	40,000.00	40,000.00	30,000.00	105,000.00	30,000.00
Civil establishment, Yards and Docks	83,439.83	104,879.08	108,760.58	108,903.70	148,790.92	143,443.92	143,303.93	149,424.34
Naval Observatory	12,500.00	12,000.00	5,000.00	10,000.00	7,800.00	10,000.00	10,000.00	10,000.00
PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.								
Navy yard:								
Portsmouth, N. H	406,000.00	364,850.00	872,575.00	917,000.00	149,000.00	400,040.00	367,498.33	279,900.00
Boston, Mass	966,300.00	551,000.00	702,700.00	479,200.00	256,800.00	162,900.00	95,050.00	128,500.00
New York, N. Y			560,500.00	313,000.00	371,500.00	82,200.00	128,500.00	263,800.00
Brooklyn, N. Y	1,208,900.00	1,009,000.00						
League Island, Pa	939,500.00	695,230.00	522,300.00	349,200.00	512,970.00	377,000.00	108,000.00	125,500.00
Washington, D. C	444,102.32	318,210.00	240,000.00	274,240.00	575,906.00	137,000.00	63,200.00	85,000.00
Norfolk, Va	477,700.00	594,260.00	344,000.00	193,000.00	959,000.00	148,000.00	[2] 404,500.00	365,500.00
Charleston, S. C			913,300.00	300,000.00	706,500.00	396,000.00	471,500.00	287,000.00
Pensacola, Fla	9,500.00	41,500.00	2,500.00	148,000.00	94,000.00	135,500.00	40,000.00	242,500.00
Mare Island, Calif	478,200.00	331,660.00	225,500.00	188,000.00	260,000.00	322,200.00	143,000.00	248,500.00
Puget Sound, Wash	286,165.00	273,000.00	810,500.00	295,200.00	292,500.00	213,500.00	205,000.00	258,500.00
Naval station:								
New London, Conn			41,000.00	2,500.00				
And coaling depot, Port Royal, S. C	227,000.00							
Key West, Fla	100,000.00	144,000.00	118,950.00	165,000.00	2,000.00	29,000.00	39,200.00	44,500.00
Algiers, La	145,000.00	330,000.00						
New Orleans, La			339,000.00	111,800.00	271,500.00	95,000.00	215,500.00	156,300.00
Cavite, P. I			233,500.00	322,800.00	735,000.00			13,000.00
Culebra, P. R								2,000.00
Guantanamo, Cuba				300,000.00	385,000.00			
Guam, M. I				10,000.00		10,000.00	12,000.00	22,500.00
Honolulu, Hawaii		107,300.00					35,000.00	3,100.00
Olongapo, P. I					[3] 806,395.00	100,000.00	207,000.00	90,000.00
Tutuila, Samoa		225,000.00	93,000.00	39,000.00	5,000.00	1,000.00		6,000.00
San Juan, P. R	52,000.00	40,000.00	50,000.00					
Purchase of wharf and adjoining land, Newport, R. I				100,000.00				
Government landing, Newport, R. I								7,840.00
Naval Observatory, purchase of land		149,571.08						
Torpedo station buildings		25,000.00	28,000.00	25,000.00	34,100.00		9,400.00	12,500.00
Quarters, Rose Island, Naragansett Bay			5,200.00					
Naval proving ground, Indianhead, Md		36,600.00	23,000.00	10,500.00	121,500.00	25,000.00	19,700.00	34,130.00
Naval training station:								
Rhode Island, buildings	58,850.00	52,170.00	114,280.00	232,000.00	14,000.00	74,500.00	162,971.00	58,912.00
California, buildings	34,750.00	6,814.95	31,500.00	4,250.00	19,000.00	15,000.00	69,750.00	39,000.00
Great Lakes, buildings					250,000.00		750,000.00	700,000.00
Naval War College, buildings			60,000.00	12,825.00	8,125.00	5,000.00	1,200.00	

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Board on naval training station, Great Lakes			5,000.00		5,000.00			
Rifle range, Blythe Island, Ga		2,000.00						
Depots for coal	700,000.00	750,000.00	640,000.00		600,000.00	300,000.00		
Steel tugs, general service			140,000.00					
Seagoing tugs					350,000.00			
Board on dry docks, Columbia River, Oreg	1,000.00							
Four timber dry docks	900,000.00	1,000,000.00	1,050,000.00	236,035.61				
Dry dock, Habana, Cuba	300,000.00			18,733.89	3,199.68			
Steel floating dock, Algiers, La	650,000.00							
Dry dock, Charleston, S. C		150,000.00						
Board on naval magazine, New England coast				1,000.00				
Naval magazine:								
New England coast					70,000.00		200,000.00	130,000.00
Fort Lafayette, N. Y	15,000.00		25,000.00				2,000.00	
New York Harbor		100,000.00	49,500.00	114,200.00		4,000.00		23,950.00
Dover, N. J	100,000 00	65,000.00	80,000.00	19,000.00	10,000.00	22,650.00	5,100.00	22,000.00
Fort Mifflin, Pa		56,000.00	5,000.00		20,000.00	16,550.00	6,000.00	9,684.00
Norfolk, Va	20,000.00	60,500.00	46,500.00	11,000.00	11,100.00	18,000.00	25,000.00	14,000.00
Pensacola, Fla							5,000.00	
Mare Island, Calif			80,000.00		2,200.00		11,300.00	50,000.00
Puget Sound, Wash			50,000.00					75,000.00
Philippine Islands					50,000.00			
Water system, Fort Norfolk, Va				1,500.00				
Survey of harbor, Island of Guam	10,000.00							
Plans and specifications			30,000.00	30,000.00	45,000.00	30,000.00	30,000.00	30,000.00
Consolidating power plants, navy yards and stations					300,000.00		43,837.47	95,000.00
Equipping navy yards for construction of vessels			175,000.00					
Dredging, Dry Tortugas, Fla	100,000.00	100,000.00						
Buildings and grounds, Naval Academy	350,000.00	3,000,000.00	500,000.00	3,050.00	3,000,000.00	800,000.00	750,000.00	380,000.00
Repairs and preservation at navy yards	534,582.04	510,000.00	502,242.53	502,155.57	500,000.00	500,000.00	500,000.00	516,102.88
Naval hospital:								
Chelsea, Mass						20,000.00		
New York, N. Y	5,000.00			20,000.00				
Newport, R. I	20,000.00	20,000.00					20,000.00	
Washington, D. C				125,000.00	20,000.00			60,000.00
Norfolk, Va					20,000.00		100,000.00	
Pensacola, Fla								25,000.00
Mare Island, Calif	10,000.00		30,000.00				25,000.00	
Puget Sound, Wash								75,000.00
Yokohama, Japan				25,000.00			5,000.00	
Canacao, P. I			50,000.00		70,000.00		7,000.00	
Naval laboratory, New York, N. Y				75,000.00	20,000.00			
Repairs to naval laboratory, New York, N. Y			10,761.00					
Naval medical supply depot, Canacao, P. I								25,000.00
Buildings, Bureau of Steam Engineering, Annapolis, Md				400,000.00				
Marine barracks:								
Navy yard—								
Brooklyn, N. Y		28,000.00						
League Island, Pa	100,000.00		2,290.26	66.97				
Washington, D. C			4,000.00		150,000.00	25,000.00		80,000.00

[2] $5,000 of the amount appropriated under "Navy yard, Norfolk, Va." warranted under "Barracks and quarters, Marine Corps."
[3] $56,000 of the amount appropriated under "Naval station, Olongapo, P. I.," warranted under "Barracks and quarters, Marine Corps."

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Table 1.—APPROPRIATIONS FOR THE NEW NAVY, FEBRUARY 22, 1883, TO JULY 1, 1921—Continued.

	1901	1902	1903	1904	1905	1906	1907	1908
PUBLIC WORKS, BUREAU OF YARDS AND DOCKS—contd.								
Marine Barracks—Continued.								
And quarters—								
Annapolis, Md		$85,000.00	$5,000.00	$5,000.00				
Algiers, La		15,000.00			$6,500.00		$15,000.00	
Building for offices, Washington, D. C		50,000.00						
Repairs and improvement to public bpildings, Marine Corps, Philippine Islands						$11,000.00		
Barracks and quarters, Marine Corps			147,000.00	219,000.00	[3] 68,500.00	25,000.00	[2] 96,400.00	$267,000.00
MEDICINE AND SURGERY.								
Medical Department	$115,045.72	135,000.00	175,243.96	200,120.03	225,200.44	240,000.00	255,000.00	290,983.40
Contingent, Medicine and Surgery	37,868.01	44,493.54	54,240.65	66,846.96	53,417.11	50,000.00	55,000.00	58,145.53
Bringing home remains, etc	10,000.00			15,237.08	15,000.00	14,119.85	10,000.00	15,200.00
Repairs, Medicine and Surgery	20,966.94	30,170.32	30,000.00	40,000.00	45,000.00	45,000.00	45,000.00	45,000.00
Reimbursement for bringing home remains, etc	33.50							
Naval hospital fund	40,000.00	40,000.00	40,000.00	40,000.00	40,000.00	40,000.00	40,000.00	40,000.00
Equipment of naval hospital, Guantanamo, Cuba							900.00	
SUPPLIES AND ACCOUNTS.								
Pay of the Navy	12,861,720.02	15,150,285.00	16,139,072.26	17,707,249.66	19,326,034.13	20,000,000.00	21,293,775.89	23,978,659.35
Provisions, Navy	2,500,416.96	3,251,082.59	3,988,817.16	4,598,387.86	4,863,514.22	5,239,568.14	5,220,000.00	6,544,942.29
Civil establishments, Supplies and Accounts	81,232.03	94,074.28	105,190.73	103,978.34	103,932.28	104,010.28	103,950.28	103,978.34
Contingent, Supplies and Accounts	150,000.00	200,121.06	200,000.00	251,304.76	251,065.62	160,000.00	160,000.00	185,000.00
Freight, Supplies and Accounts						475,000.00	400,000.00	500,000.00
Coal		2,800,000.00	2,500,131.93					
Coal and transportation				2,699,537.10	2,960,000.00	3,250,000.00	3,750,000.00	5,850,000.00
Clothing and small-stores fund				1,000,000.00				
Naval supply fund		200,000.00						
CONSTRUCTION AND REPAIR.								
Construction and repair	7,500,477.29	7,001,190.16	8,011,069.18	8,001,811.32	8,024,324.34	7,804,866.00	7,900,000.00	7,903,308.22
Civil establishment, Construction and Repair	25,824.25	25,824.25	25,824.25	27,024.25	40,824.25	40,824.25	40,824.25	40,824.25
Construction plant:								
Navy yard—								
Portsmouth, N. H	25,000.00	50,000.00	30,000.00	20,000.00	20,000.00	15,000.00	15,000.00	15,000.00
Boston, Mass	25,000.00	50,000.00	50,000.00	50,000.00	30,000.00	20,000.00	20,000.00	20,000.00
Brooklyn, N. Y	25,000.00	25,000.00	50,000.00					
New York, N. Y				50,000.00	50,000.00	20,000.00	20,000.00	20,000.00
League Island, Pa	25,000.00	50,000.00	50,000.00	30,000.00	20,000.00	15,000.00	15,000.00	15,000.00
Norfolk, Va	25,000.00	50,000.00	50,000.00	30,000.00	15,000.00	12,000.00	12,000.00	12,000.00
Pensacola, Fla	5,000.00	15,000.00			20,000.00	15,000.00	15,000.00	15,000.00

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Mare Island, Calif.	25,000.00	50,000.00	50,000.00	30,000.00	20,000.00	15,000.00	15,000.00	15,000.00
Charleston, S. C.								20,000.00
Puget Sound, Wash.	25,000.00	30,000.00	75,000.00	75,000.00	30,000.00	20,000.00	20,000.00	20,000.00
Naval station—								
Port Royal, S. C.	5,000.00							
New Orleans, La.			15,000.00	25,000.00			10,000.00	10,000.00
Algiers, La.	25,000.00	15,000.00						
Cavite, P. I.			50,000.00					
STEAM ENGINEERING.								
Steam machinery	3,160,001.86	3,216,853.81	3,439,552.40	4,009,149.58	4,105,187.82	4,014,335.70	5,505,000.00	5,506,000.00
Engineering experimental station, Annapolis, Md.							30,520.00	30,520.00
Civil establishment, Steam Engineering	13,300.00	16,900.00	17,900.00	17,900.00	17,900.00	17,900.00	17,900.00	17,900.00
Contingent, Steam Engineering	1,000.00	1,000.00						
Tests of liquid fuel for naval purposes			20,000.00					
Extended tests, marine steam turbines					25,000.00			
Naval wireless telegraph station, Pacific coast							65,000.00	
Machinery plants:								
Navy yard—								
Portsmouth, N. H.	25,000.00						110,000.00	30,000.00
Boston, Mass.	50,000.00			60,000.00	75,000.00			
New York, N. Y.						40,000.00		40,000.00
League Island, Pa.		100,000.00	130,000.00					25,000.00
Norfolk, Va.			25,000.00	25,000.00	50,000.00		25,000.00	25,000.00
Charleston, S. C.							50,000.00	
Pensacola, Fla.						15,000.00	10,000.00	10,000.00
Mare Island, Calif.	50,000.00	100,000.00	80,000.00					
Puget Sound, Wash.			125,000.00					
Naval station—								
New Orleans, La.							25,000.00	
San Juan, P. R.	25,000.00							
Algiers, La.	25,000.00							
Honolulu, Hawaii	25,000.00							
Cavite, P. I.								25,000.00
Olongapo, P. I.								20,000.00
NAVAL ACADEMY.								
Pay, Naval Academy	107,085.45	107,815.45	112,605.77	138,597.34	160,608.46	171,175.96	221,560.58	253,751.32
Special course, Naval Academy	3,000.00	4,500.00	4,500.00	3,000.00	3,000.00	3,000.00	3,000.00	3,000.00
Heating and lighting, Naval Academy	20,000.00	20,000.00	20,000.00	31,400.00	40,000.00	40,000.00	40,000.00	72,120.00
Contingent, Naval Academy	43,800.59	43,800.00	61,800.00	72,800.00	103,500.00	103,500.00	194,500.00	105,447.04
Repairs, Naval Academy	77,000.00		111,000.00	31,000.00	31,000.00	31,000.00	20,259.48	30,000.00
Tablets on historic places, Naval Academy				500.00				

[2] $5,000 of the amount appropriated under "Navy yard, Norfolk, Va.," warranted under "Barracks and quarters, Marine Corps."
[3] $56,000 of the amount appropriated under "Naval station, Olongapo, P. I.," warranted under "Barracks and quarters, Marine Corps."

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Table 1.—APPROPRIATIONS FOR THE NEW NAVY, FEBRUARY 22, 1883, TO JULY 1, 1921—Continued.

	1901	1902	1903	1904	1905	1906	1907	1908
MARINE CORPS.								
Pay, Marine Corps	$1,694,139.96	$1,784,682.34	$1,853,602.13	$2,154,217.75	$2,355,653.62	$2,595,282.28	$2,779,276.48	$2,968,998.46
Provisions, Marine Corps	371,854.03	371,082.80	445,071.50	492,122.42	492,826.32	512,090.00	548,506.25	673,507.00
Clothing, Marine Corps	290,199.54	290,199.54	382,000.00	472,370.00	422,412.00	607,370.00	600,920.00	600,920.00
Fuel, Marine Corps	32,234.01	39,074.08	42,890.38	55,024.52	61,133.26	65,000.00	73,691.43	105,000.00
Military stores, Marine Corps	77,595.50	46,297.00	76,328.12	135,895.00	160,908.61	185,000.00	202,304.25	225,782.00
Transportation and recruiting, Marine Corps	56,279.18	70,000.00	110,067.90	141,735.37	121,982.73	236,823.99	156,591.87	186,005.00
Repairs of barracks, Marine Corps	85,701.63	30,191.48	71,572.47	72,341.82	72,336.00	66,336.00	66,336.00	88,836.00
Forage, Marine Corps	6,000.00	8,803.01	11,000.00	17,700.00	17,700.00	17,724.33	17,700.00	17,700.00
Hire of quarters, Marine Corps	14,748.00	19,372.00	22,069.60	31,166.15	35,748.00	37,541.13	45,261.89	51,548.00
Contingent, Marine Corps	101,110.44	100,916.54	134,982.77	233,242.53	210,576.54	223,784.08	286,534.60	343,422.14
Arms and equipment, Marine Corps		100,000.00						
Replacing stores, etc., Marine Corps, destroyed at San Francisco						150,000.00		
INCREASE OF THE NAVY.								
Construction and machinery	12,740,699.00	21,000,000.00	13,303,010.00	15,025,632.00	26,826,860.00	23,410,833.00	17,830,829.00	12,713,915.00
Armor and equipment	4,000,000.00	8,000,000.00	9,000,000.00	12,000,000.00	18,000,000.00	18,000,000.00	15,145,000.00	12,000,000.00
Equipment	400,000.00	400,000.00	400,000.00	400,000.00	100,000.00	845,000.00	250,000.00	500,000.00
Torpedo boats				500,000.00	350,000.00		500,000.00	500,000.00
Gun plant, navy yard, Washington, D. C	175,000.00	199,849.00	65,000.00	160,000.00	120,500.00	158,000.00	200,000.00	150,000.00
MISCELLANEOUS.								
Claims for damages by collision with naval vessels	75.00		1,686.88	9,518.28				
Certified claims	12,142.50	9,398.70	34,579.56	19,521.34	26,036.32	53,264.42	74,860.48	74,020.64
Canal connecting Atlantic and Pacific Oceans				2,500.00				
Entertainment of foreign naval representatives, Jamestown Exposition							100,000.00	
Exhibit of monitors, Jamestown Exposition							10,000.00	
Enlistment bounty to seamen					166.03			
Extra pay to officers and men who served in Mexican War	2,249.00	349.00	63.00		50.00	24.00		30.00
Expenses incidental to burial of officers and men who died on the Missouri				10,000.00				
Judgments, claim, British steamship Foscolia				203,219.33				
Judgments, bounty for destruction of enemy's vessels	436,300.00	50,000.00		57,900.00				
Judgments, Court of Claims and United States courts				88,820.29	617,364.92	689,056.93	171,959.14	32,250.63
Observation of eclipse of sun, May 19, 1901	10,000.00							
Private acts, etc. (various)	124.63	17,926.25	11,113.49	63,620.59	4,458.45		4,097.56	748.00
Payment of certain claims arising under the Navy Department							11,397.20	6,544.98
Prize money, Battle of Manila Bay			946,083.89					
Permanent moorings							15,000.00	
Relief of sufferers by destruction of U. S. S. Maine	192.00	660.00	432.00					

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Relief of officers and crew U. S. S. Charleston				14,263.47	1,440.50	199.98	209.88	69.86
Reimbursement of Philippine insular funds for gunboats, etc		208,819.67						
Reimbursement to officers and men for losses at San Francisco, Calif							7,000.00	
Reimbursement to California State prison			265.00					
Reimbursement to enlisted men Navy and Marine Corps for clothing and bedding destroyed					333.85			
Reimbursement to American Society in London					20.07			
Transporting contributions for famishing poor of India	20,000.00							
TOTALS.								
Amount of appropriations for each fiscal year	66,220,984.00	84,442,710.74	82,592,228.33	87,926,217.08	113,523,469.43	105,105,889.73	104,629,684.59	108,124,421.40
Amount appropriated and warranted during—								
Current fiscal year	65,799,505.11	84,136,577.26	81,482,407.01	87,567,783.19	112,874,723.59	104,485,139.51	103,467,356.00	106,525,521.14
First subsequent fiscal year	210,266.82	136,427.68	438,213.58	107,751.91	272,888.52	562,400.56	40,831.33	1,003,830.89
Second subsequent fiscal year	138,807.25	152,290.91	135,296.35	24,482.78	190,009.17	26,218.96	1,097,530.63	5,571.95
Third subsequent fiscal year	30,306.87	17,268.88	626.30	224,459.37	179,804.80	23,009.56		587,458.98
Fourth subsequent fiscal year	41,672.95		235,277.44	1,330.63	1,616.84		14,121.55	
Fifth subsequent fiscal year		100.01	376.53	325.28		9,043.83		2,038.44
Sixth subsequent fiscal year	425.00	45.00			4,414.21		845.08	
Seventh subsequent fiscal year				83.92		77.31		
Other subsequent fiscal years		(1911) 1.00	(1911) 31.12		(1913) 12.30			

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Table 1.—APPROPRIATIONS FOR THE NEW NAVY, FEBRUARY 22, 1883, TO JULY 1, 1921—Continued.

	1909	1910	1911	1912	1913	1914	1915	1916
SECRETARY'S OFFICE.								
Pay, miscellaneous	$772,657.94	$1,008,550.00	$908,550.00	$1,109,356.57	$1,016,713.77	$1,050,711.75	$1,000,000.00	$1,124,508.62
Contingent, Navy	65,000.00	46,086.00	76,000.00	46,000.00	46,000.00	110,229.55	150,000.00	46,000.00
Aeronautics								1,000,000.00
Advisory Committee for Aeronautics							5,000.00	5,129.55
Arming and equipping Naval Militia	100,000.00	100,000.00	125,000.00	125,000.00	145,941.14	125,000.00	125,000.00	250,000.00
Arms, uniforms, equipment, Naval Militia						200,000.00	200,000.00	200,000.00
Care of lepers, island of Guam, etc	15,000.00	14,000.00	14,000.00	14,000.00	14,000.00	14,000.00	14,000.00	14,000.00
Relief of inhabitants, American Samoa, hurricane damages							10,000.00	
Committee to investigate cost of United States armor plant							5,000.00	4,581.57
NAVIGATION.								
Transportation, Navigation	775,000.00	818,000.00	873,095.00	999,400.00	857,931.53	825,000.00	850,000.00	750,000.00
Recruiting	130,000.00	130,000.00	130,000.00	130,000.00	149,319.60	130,000.00	130,000.00	130,000.00
Contingent	12,462.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00	10,000.00
Gunnery exercises	130,000.00	130,000.00	130,000.00	167,000.00	167,000.00	100,000.00	115,000.00	99,800.00
Steaming exercises			10,000.00	15,000.00	15,000.00	6,500.00	6,500.00	3,000.00
Outfits on first enlistment	900,000.00	1,291,620.00	1,096,280.00	931,800.00	900,000.00	800,000.00	800,000.00	761,292.47
Maintenance, naval auxiliaries	525,000.00	661,000.00	754,048.00	760,206.00	768,373.00	800,000.00	800,000.00	906,971.92
Ocean and lake surveys	75,000.00	57,900.00	75,233.75	75,000.00	75,000.00	90,000.00	90,000.00	105,000.00
Naval training station:								
California	63,112.97	69,857.65	71,900.95	70,167.65	70,000.00	70,000.00	70,000.00	70,000.00
Rhode Island	79,511.00	85,183.28	85,183.28	85,183.28	85,000.00	85,000.00	85,000.00	85,000.00
Great Lakes	37,425.57	102,769.36	106,599.36	106,599.36	106,500.00	98,457.00	98,457.00	80,000.00
St. Helena, Va						25,000.00	25,000.00	25,133.54
Naval War College	18,700.00	14,700.00	22,475.76	26,080.00	29,850.00	28,850.00	28,850.00	28,850.00
Naval Home, Philadelphia, Pa	70,151.00	78,151.00	70,605.86	72,829.00	73,469.00	82,209.00	77,117.00	77,117.00
Experiments in aviation				25,000.00	10,000.00	10,000.00	10,000.00	
Campaign badges and ribbons, Navy and Marine Corps	3,500.00	2,500.00		2,500.00		1,000.00		
Instruments and supplies							305,000.00	270,000.00
Battle compasses for ships of Navy					120,000.00	120,000.00		
ORDNANCE.								
Ordnance and ordnance stores	8,079,750.17	6,228,861.99	6,587,345.60	6,650,000.00	6,550,000.00	6,950,000.00	6,950,000.00	7,940,420.00
Naval Gun Factory, Washington, D. C			150,000.00	125,000.00	321,642.44	125,000.00	75,000.00	75,000.00
Powder Factory, Indianhead, Md								141,620.00
New Batteries for ships of the Navy	1,120,000.00	722,000.00	305,000.00	845,000.00	1,307,715.21	414,000.00	390,000.00	100,000.00
New Batteries for Newark			8,657.60					
Ammunition for ships of the Navy		3,000,000.00	2,500,000.00	2,850,000.00	7,818,235.22	3,850,000.00	3,178,890.00	3,000,000.00
Torpedoes and appliances					1,208,637.78	750,000.00	1,000,000.00	1,000,000.00
Reserve torpedoes and appliances	300,000.00	625,000.00	650,000.00	650,000.00				

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Torpedo Station, Newport, R. I.	70,000.00	170,000.00	130,000.00	70,000.00	130,000.00	95,000.00	95,000.00	130,000.00
Experiments, Bureau of Ordnance		100,000.00	100,000.00	100,000.00	173,180.05	200,000.00	150,000.00	100,000.00
Repairs, Ordnance	30,000.00	30,849.70	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00
Contingent, Ordnance	14,066.00	9,500.00	9,500.00	9,500.00	9,500.00	9,500.00	9,500.00	9,500.00
Civil establishment, Ordnance	47,206.75							
Reserve guns for ships of the Navy		250,000.00						
Small arms and machine guns			250,000.00	420,000.00	410,098.14			
Mines and appliances			100,000.00					
Fire control for ships of the Navy	300,000.00	150,000.00	100,000.00	80,000.00	182,976.45			
Torpedoes and converting torpedo boats	650,000.00							
Modernizing turrets of ships of the Navy		288,000.00	564,000.00		282,630.09			
Modernizing projectiles					300,000.00	150,000.00		
EQUIPMENT.								
Equipment of vessels	3,755,391.07	3,981,432.50	3,863,322.47	3,843,300.00	3,843,300.00	4,550,000.00		
Civil establishment, Equipment	38,028.00							
Contingent, Equipment	11,821.00	11,821.00	10,000.00	10,000.00	10,000.00	10,000.00		
Equipment, machinery plants	100,000.00							
YARDS AND DOCKS.								
Maintenance, Yards and Docks	1,250,000.00	1,514,419.71	1,394,498.95	1,540.00	1,500,030.64	1,500,670.64	1,600,000.00	1,647,496.00
Contingent, Yards and Docks	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00	50,000.00	50,000.00
Civil establishment, Yards and Docks	149,423.34							
Naval Observatory	10,000.00	10,000.00	10,000.00	5,000.00	5,000.00	5,000.00		
PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.								
Navy yard:								
Portsmouth, N. H	251,647.80	96,500.00	55,250.00	229,000.00	44,000.00	35,000.00		
Boston, Mass	197,800.00	210,000.00	105,000.00	277,000.00	240,000.00	129,300.00	170,000.00	25,000.00
New York, N. Y	286,000.00	392,330.00	1,266,000.00	879,000.00	125,000.00	270,000.00	143,500.00	135,000.00
Philadelphia, Pa	190,000.00	467,600.00	215,000.00	160,000.00	150,367.19	223,491.99	265,000.00	55,000.00
Washington, D. C	48,000.00	60,000.00	146,000.00	109,500.00	200,000.00	53,000.00	100,000.00	145,000.00
Norfolk, Va	705,000.00	300,000.00	895,000.00	332,500.00	158,288.73	262,500.00	25,000.00	130,000.00
Charleston, S. C	167,000.00	135,000.00		70,000.00	39,000.00	159,000.00	180,000.00	95,000.00
Pensacola, Fla	36,800.00	20,000.00	2,000.00					15,000.00
Mare Island, Calif	211,000.00	620,636.46	102,000.00	345,000.00	80,000.00	80,000.00	257,000.00	65,000.00
Puget Sound, Wash	560,000.00	565,000.00	885,000.00	989,000.00	227,000.00	246,000.00	155,000.00	60,000.00
Naval station:								
Narragansett Bay						40,000.00	10,000.00	
Key West, Fla		45,000.00	137,767.22	107,000.00	50,500.00			5,000.00
New Orleans, La	56,000.00	45,000.00	64,677.71				29,084.67	
Cavite, P. I	59,700.00	15,900.00						
Culebra, P. R	11,100.00							
Guantanamo, Cuba				378,500.00			38,000.00	
Guam, M. I	32,000.00	44,000.00	5,000.00	32,000.00		25,000.00		
Honolulu, Hawaii	6,000.00							
Olongapo, P. I	100,000.00					30,000.00		
Pearl Harbor, Hawaii	1,000,000.00	1,200,000.00	2,535,000.00	2,262,000.00	1,532,000.00	629,000.00	70,000.00	
Tutuila, Samoa	15,000.00	5,500.00		300.00				

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Table 1.—APPROPRIATIONS FOR THE NEW NAVY, FEBRUARY 22, 1883, TO JULY 1, 1921—Continued.

	1909	1910	1911	1912	1913	1914	1915	1916
PUBLIC WORKS, BUREAU OF YARDS AND DOCKS—contd.								
Purchase of land, Penobscot Bay, Me			$3,400.00					
Torpedo station buildings	$54,150.00	$39,500.00	57,100.00	$87,200.00	$135,000.00	$30,000.00	$260,000.00	
Pacific coast torpedo station			145,000.00					
Naval proving ground, Indianhead, Md	14,760.00	32,125.00	10,000.00	24,500.00	31,200.00	44,000.00	200,000.00	$158,380.00
Naval training station:								
Rhode Island, buildings	139,890.00	79,716.72	16,300.00	53,000.00	15,000.00	26,000.00		
California, buildings	29,500.00	18,445.52		4,100.00	1,500.00	10,000.00		15,000.00
Great Lakes, buildings	1,095,600.00	413,400.00						
Rifle range, Bremerton, Wash					7,000.00			
Marine Corps rifle range, Winthrop, Md				20,000.00				
Depots for coal	450,000.00	450,000.00	110,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00
Naval coaling depot, Melville Station, R. I						26,000.00		
Four timber dry docks	504,729.99				38,662.80			
Repairing dry dock Dewey			50,000.00		3,552.54			
Naval magazine:								
New England coast		100,000.00			53,000.00	22,445.00		
Fort Lafayette, N. Y				5,300.00		22,000.00		
New York Harbor	10,000.00	28,000.00		30,000.00	40,000.00	10,500.00		
Dover, N. J		28,000.00		15,000.00	26,500.00	3,500.00		
Fort Mifflin, Pa	14,600.00	45,000.00	18,500.00	18,000.00	11,100.00			64,000.00
Norfolk, Va		13,000.00		45,000.00	38,500.00	46,500.00		20,000.00
Pensacola, Fla	5,000.00							
Mare Island, Calif	11,500.00	11,500.00	8,600.00	18,000.00	26,939.84	19,900.00		
Puget Sound, Wash	34,350.00	4,250.00	21,600.00	39,000.00	13,000.00	40,500.00		58,000.00
Kuahua, Hawaii					152,500.00	250,500.00		
Guantanamo, Cuba				51,000.00				
Olongapo, P. I	8,000.00		8,800.00	20,577.00		15,300.00		
Naval disciplinary barracks							75,000.00	
Floating crane Hercules			115,000.00					
Floating crane			125,000.00		210,000.00			
Floating derricks	100,000.00	150,000.00						
Plans and specifications	30,000.00	30,000.00						
Consolidating power plants, navy yards and stations	29,677.71							
Buildings and grounds, Naval Academy	47,000.00	75,000.00	187,000.00	25,000.00	85,000.00	50,000.00	75,000.00	
Repairs and preservation at navy yards	611,609.79	700,000.00	700,000.00	800,000.00	800,000.00	800,000.00	1,100,000.00	1,097,436.00
Naval hospital:								
Chelsea, Mass						70,000.00		
New York, N. Y								15,000.00
Norfolk, Va	100,000.00							
Great Lakes	100,000.00		150,000.00					
Annapolis, Md	85,000.00							
Puget Sound, Wash	75,000.00							
Buildings, Bureau of Steam Engineering, Annapolis, Md		8,570.00	64,713.92	98,000.00				

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Buildings, engineering experimental station, Annapolis, Md						50,000.00		
Marine barracks:								
Boston, Mass						148,000.00		
Philadelphia, Pa					175,000.00	50,000.00		
Norfolk, Va								200,000.00
Puget Sound, Wash						35,000.00		
Mare Island, Calif								200,000.00
Isthmus of Panama						400,000.00		
Pearl Harbor, Hawaii						63,000.00		
Barracks and quarters, Marine Corps	260,000.00	576,500.00	117,000.00					
MEDICINE AND SURGERY.								
Medical Department	287,248.71	370,277.74	382,442.32	460,000.00	490,000.00	510,000.00	517,323.55	580,000.00
Contingent, Medicine and Surgery	60,000.00	69,705.59	76,500.00	79,000.00	97,000.00	142,000.00	142,000.00	183,000.00
Bringing home remains, etc	10,000.00	10,000.00	18,000.00	13,000.00	15,000.00	20,000.00	18,595.27	15,000.00
Repairs, Medicine and Surgery	45,000.00	45,000.00						
SUPPLIES AND ACCOUNTS.								
Pay of the Navy	30,974,580.26	32,803,521.72	33,635,581.69	35,510,059.84	37,280,971.25	39,264,662.00	40,969,582.05	42,862,038.04
Provisions, Navy	6,931,153.75	7,110,284.31	7,628,314.11	8,179,626.94	8,542,328.25	7,773,627.63	7,713,954.50	8,313,961.30
Civil establishment, Supplies and Accounts	103,978.34							
Contingent, Supplies and Accounts	176,403.31	159,033.10	159,000.00	171,368.01	200,000.00			
Maintenance, Supplies and Accounts						1,470,000.00	2,031,487.25	1,829,400.55
Freight, Supplies and Accounts	500,000.00	535,000.00	535,000.00	535,000.00	624,774.53	784,082.90	749,715.37	986,746.97
Coal and transportation	5,009,459.32	5,000,202.54	4,000,000.00	4,243,686.34	4,719,700.99	5,630,213.11	5,120,487.84	
Fuel and transportation								5,434,059.40
Naval Reserve							130,000.00	
Naval Academy dairy (reimbursable)						100,000.00	33,394.87	
Naval training station, Great Lakes, building equipment		16,000.00						
CONSTRUCTION AND REPAIRS.								
Construction and repair	8,000,120.28	8,979,314.73	8,979,144.00	8,479,144.00	8,479,153.89	8,250,000.00	9,788,000.00	9,835,077.00
Civil establishment, Construction and Repair	40,824.25							
Wrecking pontoon for submarines						300,000.00		
Construction plants at navy yards						115,000.00	110,000.00	110,000.00
Construction plant:								
Navy yard—								
Portsmouth, N. H	15,000.00	15,000.00	15,000.00	15,000.00				
Boston, Mass	20,000.00	20,000.00	20,000.00	20,000.00				
New York, N. Y	20,000.00	20,000.00	20,000.00	20,000.00				
Philadelphia, Pa	15,000.00	15,000.00	15,000.00	15,000.00				
Norfolk, Va	12,000.00	12,000.00	12,000.00	12,000.00				
Pensacola, Fla	15,000.00	12,000.00						
Mare Island, Calif	15,000.00	15,000.00	15,000.00	15,000.00				
Charleston, S. C	20,000.00	20,000.00	20,000.00	20,000.00				
Puget Sound, Wash	20,000.00	20,000.00	15,000.00					
Naval station—								
New Orleans, La	10,000.00							
Pearl Harbor, Hawaii					200,000.00			

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Table 1.—APPROPRIATIONS FOR THE NEW NAVY, FEBRUARY 22, 1883, TO JULY 1, 1921—Continued.

	1909	1910	1911	1912	1913	1914	1915	1916
STEAM ENGINEERING.								
Steam machinery	$6,006,000.00	$6,663,005.60	$6,275,635.89	$6,256,000.00	$6,256,427.13	$6,006,000.00		
Engineering							$8,115,000.00	$8,712,475.54
Engineering experimental station, Annapolis, Md	30,520.00	17,568.42	20,044.00	40,000.00	40,011.82	86,000.00	80,000.00	80,000.00
Civil establishment, Steam Engineering	17,900.00							
High-power radio stations					400,000.00		400,000.00	400,000.00
Development of heavy oil engine						250,000.00	76,735.00	
Machinery plants:								
Navy yard—								
Portsmouth, N. H	30,000.00	30,000.00						
Boston, Mass	25,000.00	5,000.00						
New York, N. Y	40,000.00	25,000.00						
Philadelphia, Pa	25,000.00	25,000.00						
Norfolk, Va	25,000.00	25,000.00						
Pensacola, Fla	10,000.00							
Mare Island, Calif	25,000.00	15,000.00						
Puget Sound, Wash	25,000.00	25,000.00						
Naval station—								
New Orleans, La	10,000.00							
Pearl Harbor, Hawaii					300,000.00			
Cavite, P. I	15,000.00	15,000.00						
Olongapo, P. I	25,000.00							
NAVAL ACADEMY.								
Pay, Naval Academy	291,251.32	318,516.18	186,704.00	188,104.00	190,504.00	188,534.00	186,034.00	186,034.00
Special course, Naval Academy	5,000.00	5,000.00						
Heating and lighting, Naval Academy	60,205.64	70,000.06						
Contingent, Naval Academy	100,777.04	110,838.42						
Current and miscellaneous expenses, Naval Academy			44,500.00	45,500.00	46,000.00	43,500.00	33,500.00	33,500.00
Maintenance, Naval Academy			214,116.00	214,116.00	219,116.00			
Repairs, Naval Academy	30,000.00	40,000.00	65,000.00	100,013.24	125,000.00			
Maintenance and repairs, Naval Academy						354,116.00	279,116.00	279,116.00
Memorials, Naval Academy				3,000.00				
Completion of crypt of chapel, Naval Academy				75,000.00				
MARINE CORPS.								
Pay, Marine Corps	3,922,259.63	4,349,910.28	4,176,134.50	4,281,001.28	4,387,121.78	4,503,296.78	4,345,469.86	4,580,834.33
Provisions, Marine Corps	786,955.33	781,302.22	854,822.17	820,000.00	881,500.00			
Clothing, Marine Corps	725,920.00	725,920.00	725,920.00	725,920.00	741,920.00			
Fuel, Marine Corps	119,810.97	149,500.00	148,400.00	157,000.00	164,000.00			
Military stores, Marine Corps	270,000.00	297,737.00	356,467.00	447,927.90	307,737.00			
Transportation and recruiting, Marine Corps	261,004.04	282,000.00	282,000.00	295,000.00	317,000.00			
Repairs to barracks, Marine Corps	96,836.00	100,007.37	110,000.00	110,000.00	120,000.00			
Forage, Marine Corps	28,320.00	22,700.00	24,200.00	24,200.00	24,200.00			

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Commutation of quarters, Marine Corps	83,000.00	73,000.00	80,500.00	80,500.00	79,000.00			
Contingent, Marine Corps	420,000.00	410,000.00	420,018.15	456,517.05	460,000.00			
Maintenance, quartermaster's department, Marine Corps						3,308,598.90	3,000,000.00	3,408,857.13
INCREASE OF THE NAVY.								
Construction and machinery	12,832,962.00	22,766,823.00	19,400,753.00	13,781,785.79	9,846,205.00	19,818,228.00	19,647,617.00	20,664,459.00
Armor and armament	11,000,000.00	12,452,772.00	11,565,122.00	10,532,928.00	7,265,200.00	11,724,192.00	17,412,500.00	18,957,998.00
Equipment	400,000.00	600,000.00	399,500.00		355,000.00	430,000.00	521,000.00	
Torpedo boats	3,000,000.00	3,000,000.00	2,104,971.00	1,690,833.88	2,521,647.00	3,353,275.00	3,810,617.00	6,231,344.00
Colliers	1,500,000.00		300,000.00		581,321.48			
Purchase of steam colliers	1,575,000.00							
Gun plant, navy yard, Washington, D. C	150,000.00	205,000.00						
MISCELLANEOUS.								
Claims for damages by collisions with naval vessels			226.06		3,946.45	2,183.29	1,256.71	2,703.89
Certified claims	74,479.20	30,825.63	44,909.75		163,740.42	65,479.82	86,834.19	53,693.06
Extra pay to officers and men who served in Mexican War	45.00	30.00	100.00					
Judgments, Court of Claims and United States courts	1,601.44	6,350.31	279,002.55		175,327.37	11,738.89	32,206.53	97,373.74
Private acts, etc. (various)		25,561.00	13,037.80	5,751.75	28,958.08	2,248.00	9,178.48	
Payment of certain claims arising under Navy Department	1,570.17		30,116.79			4,313.58	46,169.95	3,174.13
Payment to certain Government employees for injuries received					2,750,00			
Payment to Port Graham Coal Co., Seldovia, Alaska						5,000.00		
Relief of sufferers, earthquake in Italy	800,000.00							
Relief of officers and crew, U. S. S. Charleston					69.86			986.00
Relief and transportation of American citizens in Mexico							191,349.69	3,225.00
Relief of sufferers by wreck of United States steamers at Apia, Samoa					288.00	228.00		
Relief of flood sufferers, Ohio and Indiana and on the Ohio and Mississippi Rivers and tributaries						130,940.38		
Refund of stolen deposits, enlisted men of the Navy and Marine Corps					4,300.00			
Repair, preservation, and exhibition of Navy trophy flags				30,000.00				
TOTALS.								
Amount of appropriations for each fiscal year	124,618,807.80	137,779,343.11	133,376,688.21	128,207,382.88	130,644,875.46	143,019,023.11	147,795,023.78	157,172,317.61
Amount appropriated and warranted during—								
Current fiscal year	124,337,253.40	137,396,102.45	133,033,749.08	126,514,089.99	129,476,088.24	141,675,267.48	146,177,679.57	149,818,563.45
First subsequent fiscal year		292,468.17		1,236,897.81	70,273,86	1,233,281.90	145,000.00	3,339,774.26
Second subsequent fiscal year	163,733.97		285,895.49	441,033.84	903,114.52		1,458,382.85	3,771,697.16
Third subsequent fiscal year		90,328.03	17,824.13	15,341.10		59,730.84	7,744,97	240,149.87
Fourth subsequent fiscal year	117,344.89	241.23	39,219.51		195,398.84		6,216.39	
Fifth subsequent fiscal year	355.26	32.50		20.14		50,742.89		
Seventh subsequent fiscal year		170.73						
1917	120.28							
1920								2,132.87

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Table 1.—APPROPRIATIONS FOR THE NEW NAVY, FEBRUARY 22, 1883, TO JULY 1, 1921—Continued.

	1917	1918	1919	1920	1921
SECRETARY'S OFFICE.					
Pay, miscellaneous	$915,000.00	$5,834,002.72	$9,428,479.42	$5,104,224.13	$4,950,000.00
Contingent, Navy	46,000.00	96,000.00	350,000.00	150,000.00	75,000.00
Aviation, Navy	3,500,000.00	61,133,000.00	[4] [5] 252,959,197.13	25,000,000.00	20,000,000.00
Advisory Committee for Aeronautics	87,515.70				
Care of lepers, island of Guam, etc	14,000.00	20,173.23	20,000.00	20,000.00	20,000.00
Expenses, Civilian Naval Consulting Board	25,000.00	100,000.00	[5] 141,987.26	25,000.00	15,000.00
Investigation of fuel, oil, etc., Navy	60,000.00	60,000.00	[5] 112,950.69	30,000.00	30,000.00
State marine schools, act Mar. 4, 1911	250,000.00	50,000.00	75,000.00	75,000.00	75,000.00
National security and defense		1,515,154.52	368,254.38		
Basic patents of aircraft		[4] 1,000,000.00			
Temporary concrete office buildings, Navy and War Departments		5,775,000.00	1,490,000.00		
Increased compensation, civilian employees, Naval Establishment		3,947,555.92	423,853.42	4,360,017.52	18,588,133.34
Pay, reservists, transferred				8,613,220.00	
Alterations, etc., New Navy Building					75,000.00
NAVIGATION.					
Transportation, Navigation	1,014,118.26	7,050,083.04	[5] 19,441,316.69	12,000,000.00	5,000,000.00
Recruiting, Navigation	247,151.68	1,419,228.84			
Contingent, Navigation	10,000.00	20,000.00	[5] 38,206.66	20,000.00	20,000.00
Gunnery and engineering exercises	135,020.00	225,000.00	[5] 625,304.66	350,000.00	100,000.00
Outfits on first enlistment	2,065,920.00	11,163,920.00	[5] 33,461,356.05	9,000,000.00	
Maintenance, naval auxiliaries	1,069,460.00	1,144,390.00			
Arming and equipping Naval Militia	1,270,737.73	1,527,617.70			
Arms, uniforms, equipment, Naval Militia	200,000.00	200,000.00			
Ships for Naval Militia	290,000.00	135,500.00	[4] 126,491.84		
Ocean and lake surveys	105,000.00	155,000.00	[5] 224,504.27	155,000.00	105,000.00
Maintenance, naval operating base, Hampton Roads, Va				310,000.00	375,000.00
Naval training station:					
California	70,000.00	214,066.25	[5] 227,843.84	225,000.00	150,000.00
Great Lakes	80,000.00	196,400.00	[5] 1,193,125.08	850,000.00	663,700.00
Rhode Island	85,000.00	200,000.00	[5] 768,190.53	350,000.00	300,000.00
St. Helena, Va	25,000.00	84,978.35	[5] 310,710.92		
Naval War College	38,850.00	38,850.00	[5] 48,268.42	90,950.00	90,950.00
Instruments and supplies	350,000.00	6,193,440.00	[4] [5] 7,662,469.40	1,500,000.00	850,000.00
Naval Home, Philadelphia, Pa	82,117.00	140,585.00	[5] 171,880.62	144,906.00	157,646.00
Organizing Naval Reserve Force	130,000.00	430,000.00	[5] 1,633,043.24	50,000.00	50,000.00
Schools or camps of instruction for Naval Reserve Force	30,000.00	30,000.00	[5] 5,714,252.40	500,000.00	200,000.00
Recruits for Naval Reserve Force		2,655,360.00			
Recreation for enlisted men, Navy		150,000.00	[5] 652,354.32	400,000.00	800,000.00
Receiving barracks, Navy				100,000.00	100,000.00

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ORDNANCE.					
Ordnance and ordnance stores	8,517,485.00	54,140,179.00	[4] [5] 72,628,033.98	27,500,000.00	17,700,000.00
Naval Gun Factory, Washington, D. C	150,000.00	10,500,473.00	[5] 9,398,881.00	500,000.00	
New batteries for ships of the Navy	100,000.00	74,593,523.50	[4] [5] 177,008,017.01		
Ammunition for:					
Ships of the Navy	13,720,000.00	3,500,000.00			
Vessels		108,810,978.00	[4] [5] 136,426,754.77		
Merchant auxiliaries		[4] 7,731,941.00			
Auxiliaries and merchantmen		19,988,800.00	[5] 9,399,605.39		
Torpedoes and appliances	800,000.00	12,291,280.00	[5] 20,482,235.04	1,000,000 00	
Torpedo station, Newport, R. I	200,000 00	200,000.00	[5] 412,377.98	400,000.00	
Experiments, Ordnance	100,000.00	100,000.00	[4] [5] 405,472.52	200,000.00	200,000.00
Repairs, Ordnance	30,000.00	30,000.00	[5] 28,474.20		
Contingent, Ordnance	9,500.00	49,500.00	[4] [5] 62,057.94	25,000.00	25,000.00
Armor plant	11,000,000.00				
Air compressors for destroyers	195,000.00				
Batteries for merchant auxiliaries	1,650,000.00	[4] 4,731,174.00			
Batteries for auxiliaries and merchantmen		29,672,000.00			
Contingent building fund	10,000.00	10,000.00	[5] 292.57		
Naval magazine, Puget Sound, Wash	600.00				
Projectile plant, Navy	705,611.00	1,375,345.00			
Reserve ordnance supplies	4,503,524.00	81,417,460.00	[4] [5] 100,975,235.03		
Torpedo nets for battleships	480,000.00				
Antiaircraft guns and ammunition at naval stations		3,800,000.00	[5] 1,977,197.42		
Armament and ammunition for Coast Guard vessels		[4] 159,590.00			
Fuel lands for armor and projectile plants		[4] 25,000.00			
Increasing facilities for proof and test of ordnance materials, Navy		1,000,000.00			
Navy mine depot			3,000,000.00		
Navy nitrate plant			[4] 9,150,000.00		
YARDS AND DOCKS.					
Maintenance, Yards and Docks	2,206,000.00	14,288,000.00	[5] 19,540,832.23	8,300,000 00	6,500,000.00
Contingent, Yards and Docks	50,000.00	4,090,000.00	[5] 1,137,096.83	165,825.00	225,000.00
Emergency expenses			[5] 4,750,000.00		
PUBLIC WORKS, BUREAU OF YARDS AND DOCKS.					
Bridge, navy yard, Portsmouth, N. H				250,000.00	
Navy yards:					
Portsmouth, N. H	3,000.00	134,000.00	480,000.00	114,084.59	15,000.00
Boston, Mass	64,500.00	256,500.00	[4] 1,895,000.00	540,000.00	
New York, N. Y	108,900.00	1,219,000.00	1,250,000.00		397,000.00
Philadelphia, Pa	713,000.00	1,420,000.00	2,435,000.00	1,900,000.00	1,600,000.00
Washington, D. C	616,000.00	6,728,000.00	[4] 1,933,600.00	800,000.00	7,500.00
Norfolk, Va	1,242,000.00	2,400,000.00	4,306,508.69	1,676,047.30	763,017.94
Charleston, S. C	195,000.00	257,000.00	[4] 1,650,000.00	223,000.00	40,000.00
Mare Island, Calif	384,000.00	605,000.00	[4] 2,850,000.00	265,000.00	198,600.00
Puget Sound, Wash	18,000.00	670,500.00	1,025,000.00	450,000.00	320,000.00

For footnotes 4 and 5 see p. 798.

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Table 1.—APPROPRIATIONS FOR THE NEW NAVY, FEBRUARY 22, 1883, TO JULY 1, 1921—Continued.

	1917	1918	1919	1920	1921
PUBLIC WORKS, BUREAU OF YARDS AND DOCKS—continued.					
Naval stations:					
Key West, Fla			$1,025,000.00	$25,000.00	$75,000.00
New Orleans, La	$150,000.00	$60,000.00	[4] 450,000.00	66,850.00	30,000.00
Guam, M. I	1,000.00	60,000.00	100,000.00	26,000.00	55.00
Pearl Harbor, Hawaii	700,000.00	1,036,500.00	119,275.00	460,675.49	890,000.00
Tutuila, Samoa	4,000.00	40,000.00	50,000.00	7,000.00	
Guantanamo, Cuba		34,000.00	200,000.00		
Cavite, P. I					25,000.00
Naval training station, Great Lakes (buildings)			[4] 922,500.00	200,000.00	500,000.00
Naval aeronautic station, Pensacola, Fla	420,000.00	245,000.00	100,000.00		
Naval operating base, Hampton Roads, Va		3,155,072.25	4,174,556.68	1,000,000.00	171,000.00
Submarine base, New London, Conn		1,340,000.00	1,224,407.64		50,000.00
Torpedo station buildings (Newport, R. I.)	141,000.00	47,000.00	1,150,000.00	85,000.00	
Torpedo station, Keyport, Wash	11,000.00	16,000.00			
Naval proving ground, Indianhead, Md	106,000.00	150,000.00	1,010,000.00		
Naval training station, California (buildings)	32,475.00	25,000.00	130,000.00		
Naval training station, Rhode Island (buildings)		33,000.00	390,000.00		
Naval coal depot, Melville, R. I	35,000.00				
Naval training station, San Diego, Calif					1,000,000.00
Submarine and destroyer base, Columbia River					250,000.00
Naval magazines:					
New England coast	6,300.00	105,000.00	30,000.00		
New York Harbor	5,000.00	50,000.00	18,000.00		
Dover, N. J	15,000.00	100,000.00	18,000.00	45,000.00	
Fort Mifflin, Pa	5,000.00	142,700.00	360,000.00	10,000.00	
Norfolk, Va	78,000 00	117,000.00			
Charleston, S. C		120,000.00		8,000.00	
Mare Island, Calif	3,000.00	16,000.00		110,000.00	
Puget Sound, Wash	7,000.00	49,600.00		55,000.00	25,000.00
Kuahua, Hawaii	5,000.00				
Fort Lafayette			26,000.00		
Buildings and grounds, Naval Academy	70,000.00	1,615,000.00	[4] 4,055,000.00	550,000.00	160,000.00
Depots for coal	500,000.00	2,500,000.00	1,072,500.00	268,499.00	85,000.00
Repairs and preservations at navy yards	1,414,000.00	6,225,000.00	[5] 5,718,775.16	4,000,000.00	3,000,000.00
Naval hospitals:					
Portsmouth, N. H		20,000.00	331.29		
Chelsea, Mass	14,700.00				
Newport, R. I	18,000.00				
New York, N. Y	10,000.00				
Philadelphia, Pa					30,000.00
Norfolk, Va					450.00
Mare Island, Calif	15,000.00				
Canacao, P. I	3,600.00				
Great Lakes		20,000.00			
Puget Sound, Wash				40,000.00	

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Torpedo storage facilities, Navy			250,000.00		
Marine barracks:					
Island of Guam	10,000.00				
Philadelphia, Pa		280,000.00			
Norfolk, Va		25,700.00			
Mare Island, Calif		55,000.00			
San Diego, Calif		600,000.00	1,500,000.00		500,000.00
Peking, China		62,000.00	110,000.00		
Quantico, Va			475,000.00	67,790.00	318,000.00
Marine recruiting station, Port Royal, S. C	15,000.00	49,500.00	320,000.00	117,940.00	
Marine Corps rifle range, Winthrop, Md		10,000.00			
Commission on additional navy yards and stations	10,000.00	4,985.80	[5] 4,300.00		
Experimental and research laboratory	1,000,000.00	500,000.00			
Guns and munitions storage at navy yards and stations	280,400.00				
Land for naval base, San Diego, Calif	250,000.00				
Hospitals and medical supply depots		6,100,000.00	[4] 15,495,000.00	585,000.00	
Lighting facilities, navy yards and stations		200,000.00			
Ordnance storage		3,000,000.00			
Power plants and distributing systems, navy yards and stations		4,250,000.00			
Reimbursement for property damages, Indianhead, Md		755.01			
Quarters for marine guards at naval magazines		100,000.00			
Submarine facilities, navy yards and stations		1,500,000.00			
Handling appliances at navy yards		450,000.00			
Improvement at ordnance stations		4,750,000.00	1,727,000.00		
Marine railways at navy yards		375,000.00			
Naval training camps		29,000,000.00	[4] 29,810,807.61		
Temporary storage facilities, Navy		1,500,000.00	4,200,000.00		
Purchase of dry dock, Boston, Mass			4,550,000.00		
Naval air station, Cape May, N. J. (purchase of land)		150,000.00	99,085.90		
Land for naval warehouses, South Brooklyn, N. Y		560,000.00			
Temporary naval prison		200,000.00			
Naval fuel depot, San Diego, Calif			175,000.00		1,150,000.00
Investigations, naval bases, Pacific coast					50,000.00
Land, etc., naval radio station, South San Francisco, Calif					6,000.00
Naval ammunition depot, Pearl Harbor, Hawaii					80,000.00
MEDICINE AND SURGERY.					
Medical department	921,740.00	8,597,858.08	[5] 14,360,170.92	7,500,000.00	3,000,000.00
Contingent, Medicine and Surgery	241,080.00	2,013,366.40	[5] 3,444,273.71	1,000,000.00	700,000.00
Bringing home remains of officers, etc., Navy Department	24,908.00	632,658.00	700,000.00	7,00,000.00	300,000.00
Care of hospital patients		3,596,321.00	[5] 9,793,310.25	1,530,000.00	100,000.00
Naval hospital, Fort Lyon, Colo			19,600.00		

For footnotes 5 see p. 798.

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Table 1.—APPROPRIATIONS FOR THE NEW NAVY, FEBRUARY 22, 1883, TO JULY 1, 1921—Continued.

	1917	1918	1919	1920	1921
SUPPLIES AND ACCOUNTS.					
Pay of the Navy	$50,226,912.65	$168,418,347.91	$322,894,782.00	$164,203,494.00	$150,876,537.00
Provisions, Navy	9,820,900.25	68,441,024.85	98,167,257.00	42,664,500.00	26,000,000.00
Maintenance, Supplies and Accounts	2,623,640.00	14,466,463.28	22,836,625.00	15,500,000.00	10,500,000.00
Freight, Supplies and Accounts	725,000.00	7,178,200.12	15,080,795.58	3,630,897.53	8,500,000.00
Fuel and transportation	5,000,000.00	25,862,420.00	[4] [5] 56,626,669.95	12,001,000.00	36,000,000.00
Naval Reserve	112,871.71				
Naval Academy dairy, Annapolis, Md. (reimbursable)	100,000.00	55,000.00			
Reserve material, Navy		5,000,000.00			
Clothing and small-stores fund		11,071,000.00	27,000,000.00		
Naval supply account fund					250,000,000.00
CONSTRUCTION AND REPAIR.					
Construction and Repair	11,786,069.16	70,177,340.00	[5] 90,230,125.74	31,000,000.00	31,000,000.00
Construction plants at navy yards	200,000.00	200,000.00	[5] 299,832.92	200,000.00	172,000.00
STEAM ENGINEERING.					
Engineering	10,725,216.28	57,230,500.00	[5] 67,209,822.63	30,000,000.00	29,050,000.00
Construction of propelling engine	1,000,000.00				
Engineering experimental station, Annapolis, Md	105,000.00	113,000.00	160,000.00	200,000.00	225,000.00
High-power radio stations	300,000.00	600,000.00			
Machinery plants at navy yards	200,000.00	190,000.00	[5] 19,654.19		
NAVAL ACADEMY.					
Pay, Naval Academy	334,521.92	406,893.20	[5] 698,663.66	924,646.60	1,192,407.52
Current and miscellaneous expenses, Naval Academy	42,785.00	52,000.00	113,981.50	119,500.00	119,500.00
Maintenance and repairs, Naval Academy	331,840.00	549,056.00	643,764.18	963,500.00	1,218,500.00
MARINE CORPS.					
Pay, Marine Corps	5,673,866.30	19,531,602.78	[4] [5] 54,068,525.12	[5] 20,531,180.28	15,032,779.48
Expenses, Marine Corps Reserve	25,000.00	25,000.00			
Maintenance, Quartermaster Department	7,167,155.11	33,688,546.00	[4] 93,203,682.00	[5] 23,429,328.00	14,691,510.00
Reserve supplies, Marine Corps			[4] 16,677,200.00		
INCREASE OF THE NAVY.					
Construction and machinery	59,000,194.00	93,123,000.00		80,000,000.00	48,000,000.00
Armor and armament	47,110,000.00	44,180,000.00	20,000,000.00	26,000,000.00	45,000,000.00
Torpedo boats	13,749,593.00	40,931,280.00	32,397,000.00	17,000,000.00	11,000,000.00
Ammunition	19,485,500.00	14,528,043.00	7,000,000.00	10,000,000.00	
Improving and equipping navy yard for construction of ships	6,000,000.00	13,570,000.00	10,000,000.00		
Naval emergency fund		215,000,000.00	133,000,000.00	15,000,000.00	
Torpedo boat destroyers		225,000,000.00	125,000,000.00		

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MISCELLANEOUS.					
Claims for damage by collision with naval vessels	335.08	128.18	3,331.63	27,016.69	15,328.02
Certified claims	24,224.19	49,753.24	53,044.20	106,106.24	219,435.96
Judgments, court of claims, Navy	21,304.74	62,938.15	127,565.25	218,378.65	638,183.20
Private acts	19,685.57	3,573.00		118,924.40	6,374.14
Judgment, Eastern Transportation Co			2,664.08		
Judgment, Mabel I. Myers				81,860.51	
Payment to Mrs. T. E. S. Cates					63.00
Refund to James W. Elwell & Co					163.79
Reimbursement to International Mercantile Co					121.52
TOTALS.					
Amount appropriated for each fiscal year	318,397,828.33	1,774,690,675.32	2,225,169,594.63	626,110,361.93	772,734,955.91
Amount appropriated and warranted during—					
Current fiscal year	313,158,609.83	[b] 1,035,607,467.52	2,201,472,428.19	623,912,658.12	772,734,955.91
First subsequent fiscal year	5,231,358.00	738,996,544.45	20,386,474.20	2,197,703.81	
Second subsequent fiscal year	49.60	85,628.62	3,310,692.24		
Third subsequent fiscal year	7,810.90	1,034.73			

For footnotes see p. 798.

[a] Includes $1,210,620 which was reappropriated from "Maintenance, Quartermaster Department," to "Pay, Marine Corps."
[b] Amount appropriated for fiscal year 1918, but made immediately available and warranted in the preceding fiscal year.

Total appropriations for 38 years (fiscal years 1884 to 1921, inclusive), $8,145,348,185.46.

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By the second deficiency act dated Feb. 25, 1919, the following amounts appropriated by prior acts under the appropriations indicated were made no longer available and were carried to the surplus fund by Treasury warrant No. 68, dated Feb. 25, 1919:

Aviation, Navy, 1919	$97,000,000.00
Basic patents of aircraft, 1917-18	1,000,000.00
Pay, Marine Corps, 1919	14,191,975.96
Expenses, Marine Corps Reserve, 1917-18	25,000.00
Maintenance, quartermaster's department, Marine Corps, 1919	20,000,000.00
Reserve supplies, Marine Corps, 1919	7,000,000.00
Instruments and supplies, Bureau of Navigation, 1919	4,500,000.00
Bureau of Ordnance:	
Ordnance and ordnance stores, 1919	8,000,000.00
Ammunition for auxiliaries and merchantmen, 1917-18	2,677,500.00
Ammunition for vessels, 1919	30,000,000.00
Ammunition for merchant auxiliaries, 1917-1920	1,300,000.00
Armament and ammunition for Coast Guard vessels	79,574.03
Batteries for merchant auxiliaries, 1917-1920	1,256,521.24
Contingent building fund, 1917-18	3,847.26
Contingent, 1919	10,000.00
Experiments, 1919	150,000.00
Fuel lands for armor and projecile plants, 1918	24,513.16
New batteries for ships of the Navy, 1919	60,305,257.00
Navy nitrate plant	8,311,881.00
Reserve ordnance supplies, 1919	43,000,000.00
Torpedoes and appliances, 1919-1921	8,000,000.00
Public works, Bureau of Yards and Docks:	
Naval training camps	257,885.00
Navy yard, Boston, Mass	570,000.00
Navy yard, Washington, D. C	100,000.00
Navy yard, Charleston, S. C	17,000.00
Navy yard, Mare Island, Calif	290,000.00
Naval station, New Orleans, La	30,000.00
Naval training station, Great Lakes (buildings)	400,000.00
Buildings and grounds, Naval Academy	15,000.00
Hospitals and medical supply depots	1,008,742.00
Handling appliances at navy yards	25,000.00
Fuel and transportation, Bureau of Supplies and Accounts, 1919	23,096,000.00
Increase of the Navy, armor and armament	1,714,570.00
Total	334,360,446.00

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[5] The following amounts were credited to the appropriations indicated below, being reappropriations by the naval act approved July 1, 1918, of unexpended balances of appropriations for the fiscal year ending June 30, 1918:

Pay, miscellaneous, 1919	$50,000.00
Aviation, Navy, 1919	32,576,078.13
Expenses, Civilian Naval Consulting Board, 1919	41,987.26
Investigation of fuel oil, etc., Navy, 1919	52,950.69
Pay, Marine Corps, 1919	3,932,650.98
Pay, Naval Academy, 1919	55,550.46
Current and miscellaneous expenses, Naval Academy, 1919	15,181.50
Maintenance and repairs, Naval Academy, 1919	7,828.18
Transportation, Bureau of Navigation, 1919	705,551.99
Contingent, Bureau of Navigation, 1919	13,206.66
Gunnery and engineering exercises, Bureau of Navigation, 1919	304.66
Instruments and supplies, Bureau of Navigation, 1919	4,192,669.40
Naval Home, Philadelphia, Pa., 1919	56,235.62
Naval training station, California, 1919	2,843.84
Naval training station:	
Great Lakes, 1919	11,125.08
Rhode Island, 1919	6,291.53
St. Helena, Va., 1919	710.92
Naval War College, 1919	9,418.42
Ocean and lake surveys, 1919	69,504.27
Organizing Naval Reserve Force, 1919	1,433,043.24
Recreation for enlisted men, Navy, 1919	102,354.32
Outfits on first enlistment, Bureau of Navigation, 1919	7,629,508.02
Schools or camps of instruction, Naval Reserve Force, 1919	3,058,892.40
Ships, Naval Militia, 1919	126,491.84
Ordnance and ordnance stores, Bureau of Ordnance, 1919	28,520,453.98
Ammunition for auxiliaries and merchantmen, 1919	9,399,605.39
Ammunition for vessels, Bureau of Ordnance, 1919	53,907,224.77
Antiaircraft guns and ammunition for naval stations, Bureau of Ordnance, 1919	1,977,197.42
Contingent building fund, Ordnance, 1919	292.57
Contingent Ordnance, 1919	12,057.94
Experiments, Ordnance, 1919	20,472.52
Naval Gun Factory, Washington, D. C., 1919	9,398,881.00
New batteries for ships of the Navy, 1919	65,464,442.51
Repairs, Bureau of Ordnance, 1919	28,474.20
Reserve of ordnance supplies, Bureau of Ordnance, 1919	36,975,235.03
Torpedo station, Newport, R. I., Bureau of Ordnance, 1919	12,377.98
Torpedoes and appliances, Bureau of Ordnance, 1919	10,482,235.04
Commission on additional navy yards and stations	4,300.00
Maintenance, Bureau of Yards and Docks, 1919	3,040,832.23
Contingent, Bureau of Yards and Docks, 1919	787,096.83
Repairs and preservation at navy yards, 1919	968,775.16
Medical Department, Bureau of Medicine and Surgery, 1919	5,360,170.92
Care of hospital patients, Bureau of Medicine and Surgery, 1919	793,310.25
Contingent, Bureau of Medicine and Surgery, 1919	694,273.71
Fuel and transportation, Bureau of Supplies and Accounts, 1919	7,147,300.34
Construction and Repair, Bureau of Construction and Repair, 1919	15,230,125.74
Construction plants at navy yards, 1919	99,832.92
Engineering, Bureau of Steam Engineering, 1919	17,209,822.63
Machinery plants at navy yards, 1919	17,839.20
Freight, Bureau of Supplies and Accounts, 1919	523,000.69
Total	322,226,009.06

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Table 2.—SUMMARY OF NAVAL APPROPRIATION ACTS, FEBRUARY 22, 1883, TO JULY 1, 1921.

Date of act.	Congress.	Amount.	Fiscal year.	Date of act.	Congress.	Amount.	Fiscal year.
Mar. 3, 1883	47-2	[1] $16,037,512.23	1884	July 1, 1902	57-1	[7] $78,858,761.07	1903
July 7, 1884	48-1	8,931,856.12	1885	Mar. 3, 1903	57-2	81,876,791.43	1904
Jan. 20, 1885	48-2	[2] 6,290,061.98	1885	Apr. 27, 1904	58-2	97,505,140.94	1905
Mar. 3, 1885	48-2	[3] 15,170,867.56	1886	Mar. 3, 1905	58-3	[8] 102,836,679.94	1906
July 26, 1886	49-1	12,989,556.72	1887	June 29, 1906	59-1	[9] 102,371,670.27	1907
Aug. 3, 1886	49-1	3,500,000.00	1887	Mar. 2, 1907	59-2	[10] 99,971,449.79	1908
Mar. 3, 1887	49-2	25,786,847.79	1888	May 13, 1908	60-1	[11] 122,666,133.27	1909
Sept. 7, 1888	50-1	[4] 19,943,281.05	1889	Mar. 3, 1909	60-2	136,935,199.05	1910
Mar. 2, 1889	50-2	21,692,510.27	1890	June 24, 1910	61-2	[12] 131,510,246.01	1911
June 30, 1890	51-1	23,136,035.53	1891	Mar. 4, 1911	61-3	126,478,338.24	1912
Mar. 2, 1891	51-2	31,541,645.78	1892	Aug. 22, 1912	62-2	[13] 128,908,195.96	1913
July 19, 1892	52-1	23,543,266.65	1893	Mar. 4, 1913	62-3	[14] 141,050,643.53	1914
Mar. 3, 1893	52-2	[5] 22,504,061.38	1894	June 30, 1914	63-2	[15] 145,503,963.48	1915
July 26, 1894	53-2	25,366,826.72	1895	Mar. 3, 1915	63-3	[16] 149,763,563.45	1916
Mar. 2, 1895	53-3	29,416,077.31	1896	Aug. 29, 1916	64-1	[17] 312,888,060.25	1917
June 10, 1896	54-1	30,862,660.95	1897	Mar. 4, 1917	64-2	[18] 520,553,908.27	1918
Mar. 3, 1897	54-2	34,128,234.19	1898	July 1, 1918	65-2	[19] 1,895,610,070.53	1919
May 4, 1898	55-2	56,098,783.68	1899	July 11, 1919	66-1	[20] 613,691,744.88	1920
Mar. 3, 1899	55-3	48,099,969.58	1900	June 4, 1920	66-2	[21] 432,211,780.00	1921
June 7, 1900	56-1	[6] 61,140,916.67	1901				
Mar. 3, 1901	56-2	78,101,791.00	1902	Total		6,016,475,104.52	

[1] Includes $83,265 unexpended balance "Steel rifled breech loading guns" reappropriated.

[2] Includes $140,000 unexpended balance "Machinery double-turreted monitors" reappropriated to "Steam machinery, 1885."

[3] Includes $40,162.61 unexpended balance "Construction and Repair, 1883," reappropriated to "Increase of the Navy, steel cruisers, Construction and Repair."
for steam launches, Naval Academy."

[4] Includes $5,000 unexpended balance, "Repairs, Naval Academy, 1888," reappropriated to "Boat house for steam launches, Naval Academy."

[5] Includes $200,000 appropriated from the "General account of advances" to form a "Naval supply fund;" also $200,000 reappropriated from the unexpended balance of "Increase of the Navy, armor and armament," to "Increase of the Navy, submarine torpedo boats."

[6] This amount does not include $4,000,000 authorized for factory for the manufacture of armor. This amount was never warranted by the Treasury Department.

[7] Includes $2,397.94 reappropriated from unexpended balances under "Repairs of barracks, Marine Corps," act June 10, 1896.

[8] Includes $2,500,000 reappropriated from the unexpended balance under "Pay of the Navy, 1903," and "Pay of the Navy, 1902."

[9] Included $300,000 reappropriated from the unexpended balance under "Construction and Repair, 1904."

[10] Includes reappropriations from unexpended balances as follows: "Provisions, Navy, 1904, $324,866.87;" "Provisions, Navy, 1905, $678,075.42;" and "Contingent, Supplies and Accounts, 1904, $10,000."

[11] Includes $3,647.80 reappropriated from unexpended balance "Navy yard, Boston, Mass.," to "Navy yard, Portsmouth, N. H."

[12] Includes $64,677.71 "previously appropriated and erroneously transferred" to "Consolidating power plants, navy yards and stations" under "Naval station, New Orleans, La.;" also $35,000 reappropriated from unexpended balance "Naval station, Honolulu, Hawaii," to "Naval station, Pearl Harbor, Hawaii."

[13] Includes $5,668,189.20 unexpended balances under various Bureau of Ordnance appropriations reappropriated for the fiscal year 1913; also 15,000 of unexpended balance "Barracks and quarters, Marine Corps," reappropriated under "Naval station, Key West, Fla."

[14] Includes $250,000 unexpended balance under "Steam machinery, 1912," reappropriated under "Development of heavy-oil engine."

[15] Includes reappropriations as follows: $148,000 unexpended balance under "Marine barracks, navy yard, Boston, Mass., reappropriated under "Navy yard, Boston, Mass.;" $300,000 unexpended balance under "Wrecking pontoon for submarines," reappropriated under "Increase of the Navy, torpedo boats;" $33,394.87 unexpended balance under Naval Academy, dairy, Annapolis, Md. (reimbursable)," reappropriated for the same purpose; $76,735 unexpended balance "Development of heavy-oil engine" reappropriated for the same purpose.

[16] Includes reappropriations from various unexpended balances amounting to $2,219,581.57, as follows: $1,000,000 under "Aeronautics, 1916;" $15,000 under "Naval station, Pensacola, Fla.;" $800,000 under "Increase of the Navy, torpedo boats;" $4,581.57 under "Committee to investigate cost of United States armor plant;" $200,000 under "Marine Barracks, Mare Island, Calif.;" $200,000 under "Marine barracks, Norfolk, Va.; also $10,000 of the amount authorized for an "Advisory committee for aeronautics."

[17] Includes reappropriations from unexpended balances amounting to $132,871.71 as follows: "Naval coal depot, Melville station, R. I.," $20,000 "Naval Reserve," $112,871.71.

[18] Includes $3,946,521.19 appropriated under the indefinite appropriation "Increased compensation, Naval Establishment, 1918."

[19] Includes $322,226,009.69 reappropriated from unexpended balances of amounts appropriated by prior acts. See Warrants 73 and 80, series 1919, and warsants 25, 48, and 59, series 1920, and warrants 31, 53, 65 and 66, series 1921.

[20] Includes $500,000 reappropriated from unexpended balances of amounts appropriated by prior acts. See Warrant 18, series 1920.

[21] Includes $318,000 reappropriated from Maintenance, Quartermaster Department, Marine Corps.

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Table 3.—SUMMARY OF MISCELLANEOUS APPROPRIATIONS FOR THE NEW NAVY, FEBRUARY 22, 1883, TO JULY 1, 1921.

[Includes certain amounts warranted by the Treasury Department subsequent to Feb. 22, 1883, but appropriated for prior to that date under indefinite appropriations, as explained in footnotes.]

Date of act, etc.	Name of act.	Congress and session.	Amount.	Total.	Year, Congress, and session.
Feb. 22, 1883	(1)	47-2	$140,000.00		
Mar. 2, 1883	Private	47-2	6,556.85		
Mar. 3, 1883	do	47-2	1,781.89		
Do	Deficiency	47-2	[2] 13,404.64		
Do	Sundry civil	47-2	713,038.94		
Do	(3)	47-2	5,218.32		
R. S., 3689	(4)	Prior.	1,429.93		
Dec. 15, 1879	(5)	Prior.	318.00		
Feb. 19, 1879	(6)	Prior.	1,028.00		
				$882,776.57	1883-47-2
Feb. 13, 1884	Joint resolution	48-1	762,953.15		
Apr. 17, 1884	Reward for Greely expedition	48-1	25,000.00		
May 1, 1884	Urgent deficiency	48-1	254,000.00		
July 7, 1884	Sundry civil	48-1	426,000.00		
Do	Legislative	48-1	5,000.00		
Do	Deficiency	48-1	[7] 152,498.64		
R. S., 3689	(4)	Prior.	8,986.54		
Feb. 19, 1879	(6)	Prior.	122,639.81		
Mar. 3, 1883	(3)	Prior.	215.00		
				1,757,293.14	1884-48-1
Mar. 3, 1885	Deficiency	48-2	[8] 590,579.84		
Do	Sundry civil	48-2	480,237.92		
Jan. 20, 1885	Private	48-2	501.00		
Mar. 3, 1885	do	48-2	12,500.00		
Do	do	48-2	2,300.00		
R. S., 3689	(4)	Prior.	956.95		
Feb. 19, 1879	(6)	Prior.	58,310.72		
				1,145,386.43	1885-48-2
Mar. 26, 1886	Urgent deficiency	49-1	251,863.00		
Aug. 4, 1886	Sundry civil	49-1	452,595.00		
Do	Deficiency	49-1	[9] 202,606.43		
Feb. 19, 1879	(6)	Prior.	15,079.06		
				922,143.49	1886-49-1
Jan. 3, 1887	(10)	49-2	16,956.28		
Jan. 29, 1887	(11)	49-2	12,822.00		
Feb. 21, 1887	Private	49-2	270.00		
Feb. 23, 1887	do	49-2	510.00		
Feb. 19, 1879	(6)	Prior.	5,781.51		
June 16, 1880	(12)	Prior.	918.00		
				37,257.79	1887-49-2
Feb. 1, 1888	Deficiency	50-1	67,230.53		
Mar. 30, 1888	Urgent deficiency	50-1	349,430.54		
June 18, 1888	Private	50-1	275.13		
Aug. 15, 1888	do	50-1	5,156.64		
Aug. 21, 1888	do	50-1	250.00		
Oct. 19, 1888	do	50-1	13,506.33		
Do	do	50-1	370.50		
Do	Deficiency	50-1	584,534.56		
R. S., 3689	(4)	Prior.	360.00		
Feb. 19, 1879	(6)	Prior.	13,437.33		
				1,034,551.56	1888-50-1
Mar. 2, 1889	Deficiency	50-2	1,922,992.21		
Jan. 21, 1889	Private	50-2	1,237.50		
Feb. 23, 1889	do	50-2	3,591.90		
Mar. 1, 1889	do	50-2	3,626.34		
R. S., 3689	(4)	Prior.	18,796.36		
Feb. 19, 1879	(6)	Prior.	11,250.00		
Mar. 3, 1881	(13)	Prior.	1,532.86		
				1,963,027.17	1889-50-2
Feb. 19, 1890	Relief sufferers, etc.[14]	51-1	201,878.73		
Apr. 4, 1890	Urgent deficiency	51-1	56,000.00		
Apr. 11, 1890	Joint resolution	51-1	[15] 75,000.00		
June 9, 1890	Private	51-1	6,717.12		
Sept. 29, 1890	Joint resolution	51-1	[16] 1,000,000.00		
Sept. 30, 1890	Deficiency	51-1	970,174.73		
R. S., 3689	(4)	Prior.	299.91		
Feb. 19, 1879	(6)	Prior.	2,287.50		
Dec. 15, 1877	(5)	Prior.	186.00		
Sept. 26, 1890	Private	51-1	6,271.23		
				2,318,815.22	1890-51-1
Mar. 3, 1891	Deficiency	51-2	1,131,942.99		
Feb. 21, 1891	Private	51-2	21,230.67		
Mar. 3, 1891	do	51-2	4,617.60		

For footnotes, see p. 804.

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Table 3.—SUMMARY OF MISCELLANEOUS APPROPRIATIONS FOR THE NEW NAVY, FEBRUARY 22, 1883, TO JULY 1, 1921—Continued.

Date of act, etc.	Name of act.	Congress and session.	Amount.	Total.	Year, Congress, and session.
Mar. 2, 1891	....do	51-2	$59,114.65		
R. S., 3689	(4)	Prior.	7,329.32		
Dec. 15, 1877	(5)	Prior.	156.00		
Feb. 19, 1879	(6)	Prior.	1,525.50		
Feb. 19, 1890	(14)	Prior.	8,478.13		
				$1,234,394.86	1891-51-2
July 28, 1892	Deficiency	52-1	148,461.53		
Aug. 5, 1892	Sundry civil	52-1	250,000.00		
Feb. 19, 1890	(14)	Prior.	3,812.78		
Feb. 19, 1879	(6)	Prior.	2,579.67		
Sept. 30, 1890	(17)	Prior.	734.13		
Feb. 23, 1891	(18)	Prior.	45,204.08		
R. S., 3689	(4)	Prior.	180.00		
				450,972.19	1892-52-1
Jan. 5, 1893	Private [19]	52-2	830.33		
Feb. 25, 1893	Private	52-2	175.39		
Mar. 3, 1893	Deficiency	52-2	100,241.95		
R. S., 3689	(4)	Prior.	9,499.74		
Feb. 19, 1879	(6)	Prior.	2,597.50		
Feb. 19, 1890	(14)	Prior.	308.77		
Feb. 23, 1891	(18)	Prior.	7,900.00		
				121,553.68	1893-52-2
Mar. 9, 1894	Public [20]	53-2	45,000.00		
Apr. 21, 1894	Urgent deficiency	53-2	40,000.00		
Aug. 18, 1894	Sundry civil	53-2	45,000.00		
Aug. 23, 1894	Deficiency	53-2	193,417.11		
R. S., 3689	(4)	Prior.	1,171.64		
Feb. 19, 1879	(6)	Prior.	485.00		
				325,073.75	1894-53-2
Mar. 2, 1895	(21)	53-3	20,606.68		
Do	Deficiency	53-3	148,195.85		
Feb. 19, 1879	(6)	Prior.	650.50		
Feb. 19, 1890	(14)	Prior.	1,125.75		
				170,578.78	1895-53-3
Feb. 26, 1896	Urgent deficiency	54-1	102,810.56		
May 15, 1896	Private	54-1	3,519.15		
June 8, 1896	Deficiency	54-1	395,960.77		
June 9, 1896	Private	54-1	670.58		
June 10, 1896	(22)	54-1	87,646.48		
Feb. 19, 1879	(6)	Prior.	2,609.25		
Feb. 19, 1890	(14)	Prior.	447.45		
Mar. 2, 1895	(21)	Prior.	2,496.94		
				596,161.18	1896-54-1
Dec. 22, 1896	Urgent deficiency	54-2	700,000.00		
Feb. 8, 1897	Private	54-2	5,216.85		
				705,216.85	1897-54-2
June 4, 1897	Sundry civil	55-1	10,000.00		
June 26, 1897	Joint resolution	55-1	100,000.00		
July 19, 1897	Deficiency	55-1	433,001.83		
Feb. 19, 1879	(6)	Prior.	2,656.50		
Mar. 2, 1895	(21)	Prior.	40.25		
Mar. 3, 1881	(13)	Prior.	732.60		
Feb. 19, 1890	(14)	Prior.	270.25		
June 10, 1896	(22)	Prior.	10,859.59		
				557,561.02	1897-55-1
Dec. 16, 1897	Deficiency	55-2	5,000.00		
Feb. 23, 1898	Joint resolution	55-2	200,000.00		
Jan. 28, 1898	Urgent deficiency	55-2	940,000.00		
Feb. 19, 1898	Deficiency	55-2	125,000.00		
Mar. 9, 1898	Urgent deficiency	55-2	117,000.00		
Do	Deficiency [23]	55-2	26,820,116.22		
Mar. 30, 1898	Joint resolution	55-2	[24] 127,432.92		
Apr. 4, 1898	Private	55-2	330,151.42		
May 4, 1898	Deficiency	55-2	100,000.00		
May 7, 1898	Private	55-2	69,550.39		
May 26, 1898	Joint resolution	55-2	3,000,000.00		
June 3, 1898	....do	55-2	10,000.00		
Do	Private	55-2	28,160.25		
June 8, 1898	Urgent deficiency	55-2	12,000,000.00		
July 7, 1898	Deficiency	55-2	44,541,261.66		
Feb. 19, 1879	(6)	Prior.	4,435.33		
Feb. 19, 1890	(14)	Prior.	39.00		
Mar. 3, 1881	(13)	Prior.	560.10		
Feb. 23, 1891	(18)	Prior.	23,100.00		
June 10, 1896	(22)	Prior.	16,016.05		
Mar. 2, 1895	(21)	Prior.	333.75		
				88,458,157.09	1898-55-2

For footnotes, see p. 804.

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Table 3.—SUMMARY OF MISCELLANEOUS APPROPRIATIONS FOR THE NEW NAVY, FEBRUARY 22, 1883, TO JULY 1, 1921—Continued.

Date of act, etc.	Name of act.	Congress and session.	Amount.	Total.	Year, Congress, and session.
Jan. 5, 1899	Deficiency	55-3	[25] $5,568,853.00		
Mar. 3, 1899	.....do	55-3	[26] 2,281,017.32		
Do	Claims	55-3	247,019.77		
Feb. 19, 1879	(6)	Prior.	3,065.17		
Feb. 19, 1890	(14)	Prior.	312.00		
June 10, 1896	(22)	Prior.	26,535.54		
Apr. 7, 1897	Private resolution	.....	20,000.00		
June 1, 1897	(28)	Prior.			
Mar. 9, 1898	(23)	Prior.	1,045,064.40		
Mar. 30, 1898	(24)	Prior.	5,733.00		
				$9,197,600.20	1899-55-3
Feb. 9, 1900	Urgent deficiency	56-1	[27] 4,605,000.00		
Mar. 30, 1900	.....do	56-1	645,000.00		
May 12, 1900	Private	56-1	32,823.00		
June 5, 1900	.....do	56-1	3,500.00		
June 6, 1900	Deficiency	56-1	227,463.09		
Do	Rivers and harbors	56-1	10,000.00		
Feb. 19, 1879	(6)	Prior.	2,249.00		
June 10, 1896	(22)	Prior.	58,213.62		
Apr. 7, 1897	Private resolution	.....	20,000.00		
June 1, 1897	(28)	Prior.			
Mar. 3, 1898	(23)	Prior.	203,895.74		
Mar. 30, 1898	(24)	Prior.	192.00		
Mar. 3, 1899	(26)	Prior.	33.50		
				5,808,369.95	1900-56-1
Jan. 4, 1901	Urgent deficiency	56-2	10,000.00		
Mar. 3, 1901	Deficiency	56-2	4,798,879.02		
Do	Joint resolution	56-2	25,000.00		
Feb. 19, 1879	(6)	Prior.	349.00		
June 10, 1896	(22)	Prior.	83,411.21		
Mar. 30, 1898	(24)	Prior.	660.00		
				4,918,299.23	1901-56-2
Feb. 14, 1902	Urgent deficiency	57-1	[29] 6,165,157.12		
Do	(23)	57-1	42,633.82		
Apr. 7, 1902	Urgent deficiency	57-1	3,189.39		
May 27, 1902	Private act	57-1	701.25		
Do	Claims	57-1	5,063.75		
July 1, 1902	Deficiency	57-1	233,739.80		
Feb. 19, 1879	(6)	Prior.	63.00		
June 10, 1896	(22)	Prior.	37,604.09		
Mar. 30, 1898	(24)	Prior.	432.00		
				6,488,584.22	1902-57-1
Feb. 7, 1903	(30)	57-2	14,263.47		
Feb. 5, 1903	Private	57-2	4,000.00		
Mar. 3, 1903	.....do	57-2	1,951.01		
Do	Deficiency	57-2	2,693,083.22		
Do	Sundry civil	57-2	100,000.00		
June 10, 1896	(22)	Prior.	99,725.25		
Feb. 14, 1902	(23)	Prior.	664.28		
May 27, 1902	Claims	Prior.	203,219.33		
				3,116,906.56	1903-57-2
Feb. 18, 1904	Urgent deficiency	58-2	3,181,145.16		
Mar. 11, 1904	Private	58-2	63,620.59		
Apr. 27, 1904	Deficiency	58-2	3,025,908.59		
Apr. 28, 1904	Panama Canal	58-2	2,500.00		
Feb. 19, 1879	(6)	Prior.	50.00		
June 10, 1896	(22)	Prior.	72,353.69		
Feb. 14, 1902	(23)	Prior.	11.44		
Feb. 7, 1903	(30)	Prior.	1,440.50		
				6,347,029.97	1904-58-2
Jan. 5, 1905	Private	58-3	3,758.45		
Jan. 12, 1905	.....do	58-3	700.00		
Feb. 24, 1905	Claims	58-3	470,556.20		
Mar. 3, 1905	Deficiency	58-3	15,079,110.92		
Feb. 19, 1879	(6)	Prior.	24.00		
June 10, 1896	(22)	Prior.	68,868.07		
Feb. 7, 1903	(30)	Prior.	199.98		
				15,623,217.62	1905-58-3
Feb. 27, 1906	Urgent deficiency	59-1	1,772,758.21		
Apr. 23, 1906	Deficiency	59-1	4,000.00		
May 3, 1906	Earthquake, Pacific coast	59-1	100,000.00		
June 30, 1906	Deficiency	59-1	1,238,082.91		
June 10, 1896	(22)	Prior.	96,393.10		
Feb. 7, 1903	(30)	Prior.	209.88		
Mar. 3, 1903	Naval [32]	Prior.	57,498.33		
Apr. 27, 1904	Naval [33]	Prior.	43,837.47		
Mar. 3, 1905	Treasury [31]	Prior.	125,000.00		
Do	Deficiency (indefinite)	Prior.	5,892.33		
				3,443,672.23	1906-59-1

For footnotes, see p. 804.

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Table 3.—SUMMARY OF MISCELLANEOUS APPROPRIATIONS FOR THE NEW NAVY, FEBRUARY 22, 1883, TO JULY 1, 1921—Continued.

Date of act, etc.	Name of act.	Congress and session.	Amount.	Total.	Year, Congress, and session.
Jan. 25, 1907	Private	59-2	$1,000.00		
Do	do	59-2	1,344.00		
Feb. 9, 1907	Urgent deficiency	59-2	250,000.00		
Feb. 26, 1907	Private	59-2	1,157.00		
Mar. 4, 1907	Deficiency—11 a. m.	59-2	486,145.27		
Do	Deficiency—10 a. m.	59-2	17,905.32		
Feb. 19, 1879	(6)	Prior.	30.00		
June 10, 1896	(22)	Prior.	67,882.14		
Feb. 17, 1903	(30)	Prior.	69.86		
Apr. 27, 1904	Naval [33]	Prior.	95,000.00		
Mar. 3, 1905	Claims (indefinite)	Prior.	1,448.60		
				$921,982.19	1907-59-2
Feb. 15, 1908 May 20, 1908	Deficiency	60-1	824.18		
Feb. 15, 1908	Urgent deficiency	60-1	1,614,569.35		
Apr. 7, 1908	do	60-1	2,000,000.00		
May 20, 1908	Deficiency	60-1	3,694,134.69		
May 30, 1908	Private	60-1	1,068.80		
Feb. 19, 1879	(6)	Prior.	45.00		
June 10, 1896	(22)	Prior.	5,130.43		
Apr. 27, 1896	Naval [33]	Prior.	29,677.71		
Mar. 4, 1907	Deficiency (indefinite)	Prior.	1,570.17		
				7,347,020.33	1908-60-1
Jan. 5, 1909	Italian earthquake	60-2	800,000.00		
Mar. 4, 1909	Deficiency	60-2	2,281,865.80		
Feb. 19, 1879	(6)	Prior.	30.00		
Feb. 25, 1905	Ominbus claims	Prior.	25,561.00		
				3,107,456.80	1909-60-2
Feb. 25, 1910	Urgent deficiency	61-2	436,773.06		
Do	Deficiency	61-2	4,111.29		
June 25, 1910	do	61-2	1,233,558.54		
Do	Claims	61-2	30,084.16		
Feb. 19, 1879	(6)	Prior.	100.00		
Feb. 25, 1905	Omnibus claims	Prior.	1,787.50		
Mar. 4, 1907	Deficiency (indefinite)	Prior.	32.63		
				1,706,447.18	1910-61-2
Dec. 23, 1910	Urgent deficiency	61-3	550,000.00		
Feb. 13, 1911	Private	61-3	1,315.00		
Feb. 18, 1911	do	61-3	1,022.00		
Do	do	61-3	5,751.75		
Mar. 4, 1911	Deficiency	61-3	782,895.42		
				1,340,984.17	1911-61-3
Apr. 8, 1912	Repair, etc., trophy flags	62-2	30,000.00		
July 3, 1912	Private	62-2	1,572.04		
July 6, 1912	do	62-2	701.12		
July 30, 1912	do	62-2	3,000.00		
Aug. 21, 1912	do	62-2	1,000.00		
Aug. 26, 1912	Deficiency	62.2	770,902.05		
Feb. 10, 1890	(14)	Prior.	288.00		
Feb. 7, 1903	(30)	Prior.	69.86		
June 25, 1910	Claims	Prior.	22,684.92		
				830,217.99	1912-62-2
Feb. 7, 1913	Private	62-3	2,000.00		
Feb. 18, 1913	do	62-3	750.00		
Mar. 4, 1913	Deficiency	62-3	1,492,429.36		
Feb. 19, 1890	(44)	Prior.	228.00		
Mar. 4, 1907	Deficiency (indefinite)	Prior.	4,313.58		
				1,499,720.94	1913-62-3
Oct. 22, 1913	Deficiency	63-1	193,802.80		
				193,802.80	1913-63-1
Feb. 16, 1914	Naval Militia	63-2	400,000.00		
Apr. 6, 1914	Deficiency	63-2	753,759.89		
Apr. 15, 1914	Private	63-2	1,248.00		
Apr. 16, 1914	do	63-2	1,000.00		
Apr. 24, 1914	Relief, American citizens in Mexico	63-2	[35] 191,349.69		
Apr. 25, 1914	Public resolution	63-2	[34] 29,084.67		
July 17, 1914	Private	63-2	2,500.00		
July 29, 1914	Deficiency	63-2	1,319,864.33		
Aug. 21, 1914	Private	63.2	642.40		
Do	do	63-2	46,169.95		
Sept. 15, 1914	do	63-2	1,500.00		
Oct. 22, 1914	do	63-2	1,500.00		
Do	do	63-2	1,750.00		
				2,750,368.93	1914-63-2

For footnotes, see p. 804.

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Table 3.—SUMMARY OF MISCELLANEOUS APPROPRIATIONS FOR THE NEW NAVY, FEBRUARY 22, 1883, TO JULY 1, 1921—Continued.

Date of act, etc.	Name of act.	Congress and session.	Amount.	Total.	Year, Congress, and session.
Feb. 17, 1915	Private	63-3	$955.20		
Mar. 4, 1915	do	63-3	330.88		
Do	Deficiency	63-3	1,067,756.50		
Do	Omnibus claims	63-3	1,302.00		
Feb. 16, 1914	Naval Militia	Prior.	200,000.00		
				$1,270,344.58	1915-63-3
Feb. 7, 1903	(34)	Prior.	9.86		
Feb. 16, 1914	Naval Militia	Prior.	200,000.00		
Apr. 24, 1914	(35)	Prior.	3,225.00		
Feb. 28, 1916	Deficiency	64-1	241,341.09		
Mar. 31, 1916	Urgent deficiency	64-1	2,627,000.00		
May 3, 1916	Private	64-1	2,000.00		
June 12, 1916	do	64-1	1,174.13		
July 1, 1916	Deficiency	64-1	326,000.00		
July 31, 1916	Private	64-1	13,561.88		
Aug. 7, 1916	do	64-1	762.00		
Do	do	64-1	1,248.00		
Aug. 9, 1916	Private	64-1	2,470.00		
Aug. 21, 1916	do	64-1	624.00		
Sept. 8, 1916	Deficiency	64-1	1,898,711.87		
Do	Private	64-1	1,019.69		
Mar. 3, 1915	Naval	Prior.	5,000.00		
				5,324,147.52	1916-64-1
Feb. 8, 1917	Private, No. 166	64-2	1,073.00		
Feb. 14, 1917	Private, No. 181	64-2	2,500.00		
Feb. 16, 1914	Naval Militia	Prior.	200,000.00		
				203,573.00	1917-64-2
Apr. 17, 1917	Deficiency	65-1	9,081,569.71		
Do	do (36)	65-1	400,000.00		
June 15, 1917	Urgent deficiency	65-1	514,805,033.87		
				524,286,603.58	1917-65-1
Oct. 6, 1917	do	65-1	561,478,073.49		
Do	Public, No. 62	65-1	150,000.00		
Mar. 28, 1918	Urgent deficiency	65-2	63,569,809.25		
June 4, 1918	do	65-2	25,907,000.00		
Apr. 26, 1918	Public, No. 140	65-2	1,000,000.00		
Apr. 17, 1917	Deficiency (36)	Prior.	1,115,154.52		
Oct. 6, 1917	do (37)	65-2	4,985.80		
				653,225,023.06	1918-65-1-2
July 1, 1918	Sundry civil	65-2	368,254.38		
July 3, 1918	Legislative	65-2	417,623.24		
July 8, 1918	Deficiency	65-2	8,322,208.24		
Oct. 17, 1918	Public, No. 223	65-2	4,550,000.00		
Nov. 4, 1918	Deficiency	65-2	107,928,043.69		
Feb. 25, 1919	Second deficiency	65-3	276,962,225.36		
Mar. 1, 1919	Legislative	65-3	4,009,055.36		
				402,557,410.27	1918-65-2-3
July 11, 1919	Deficiency	66-1	9,073,491.14		
Nov. 4, 1919	do	66-1	48,477.47		
Mar. 6, 1920	do	66-2	1,701,316.98		
Mar. 27, 1920	Private, No. 30	66-2	118,309.16		
Apr. 14, 1920	Private, No. 46	66-2	66.12		
Do	Private, No. 47	66-2	549.12		
June 5, 1920	Deficiency	66-2	11,749,939.69		
				22,692,149.68	1919-66-1-2
Do	Private, No. 63	66-2	2,500.00		
Mar. 1, 1919	Legislative	Prior.	350,962.16		
Mar. 3, 1917	do	Prior.	1,034.73		
May 29, 1920	do	66-2	18,588,133.34		
Jan. 7, 1921	Private, No. 77	66-3	1,173.12		
July 3, 1918	Legislative	Prior.	6,230.18		
Mar. 1, 1921	Deficiency	66-3	313,109,950.99		
Mar. 3, 1921	Legislative	66-3	75,000.00		
Feb. 27, 1921	Private, No. 96	66-3	2,354.57		
Do	Private, No. 95	66-3	346.45		
May 18, 1920	Increased pay	66-2	1,210,620.00		
June 16, 1921	Deficiency	67-1	8,642,921.63		
				341,991,227.17	1920-66-2-3
	Total			2,128,873,080.94	1921-67-1

For footnotes see p. 804.

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[1] "Payment of Japanese award."
[2] In addition to this amount $27,406.51 was appropriated for 1883 and prior fiscal years.
[3] "Relief of officers and crew of the U. S. S. Rodgers." Indefinite appropriation. Amount warranted for the fiscal year.
[4] "Indemnity for lost clothing." Indefinite appropriation. Amount warranted for the fiscal year.
[5] "Relief of sufferers, wreck of U. S. S. Huron." Indefinite appropriation. Amount warranted for the fiscal year.
[6] "Extra pay to officers and men who served in the Mexican War." Indefinite appropriation. Amount warranted for the fiscal year.
[7] In addition to this amount $57,186.47 was appropriated for 1883 and prior fiscal years.
[8] In addition to this amount $36,877.57 was appropriated for 1883 and prior fiscal years.
[9] In addition to this amount $174,926.07 was appropriated for 1883 and prior fiscal years.
[10] "Relief of survivors, etc., steamer Jeannette."
[11] "Relief of sufferers, wreck of steamer Ashuelot."
[12] "Gratuities to machinists in lieu of reenlistment."
[13] "Relief of persons impressed into U. S. naval service." Indefinite appropriation. Amount warranted for the fiscal year.
[14] "Relief of sufferers, wreck of United States steamers at Apia, Samoa." Indefinite appropriation. Amount warranted for the fiscal year.
[15] "Site for magazine, New York Harbor."
[16] "Increase of the Navy, nickel."
[17] "Medals, Jeannette Arctic expedition."
[18] "Relief of Rodman M. Price."
[19] "Removal of remains of D. F. Terrell, ensign, U. S. Navy, from Alaska."
[20] "Reclaiming wreck of the U. S. S. Kearsarge."
[21] "Indemnity for lost property, naval service." Indefinite appropriation. Amount warranted for the fiscal year.
[22] "Navy transportation, Pacific railroads." Indefinite appropriation. Amount warranted for the fiscal year.
[23] "National defense." Amount warranted to the Navy Department for the fiscal year.
[24] "Relief of sufferers by destruction of the U. S. S. Maine." Indefinite appropriation. Amount warranted for the fiscal year.
[25] Includes various reappropriations amounting to $5,307,878.
[26] Includes various reappropriations amounting to $850,000; also $351.12 warranted from indefinite appropriation.
[27] Includes various reappropriations amounting to $1,850,000.
[28] "Transporting contributions to famishing poor in India."
[29] Includes $200,000 reappropriated from the unexpended balance of "Provisions, Navy, 1900," to the "Navy Supply Fund."
[30] "Relief of officers and crew of the U. S. S. Charleston."
[31] "Entertainment of foreign naval representatives, Jamestown Exposition."
[32] "Reappropriation of unexpended balances," appropriation, "Navy yard, Boston, Mass.," to "Navy yard, Portsmouth, N. H.," warranted during the fiscal year.
[33] Amount warranted during the fiscal year 1906 by act consolidating power plants at navy yards and stations.
[34] Amount warranted under act reappropriating unexpended balances of "Construction plant, naval station, New Orleans, La.," and "Machinery plant, naval stations, New Orleans, La.," to "Naval station, New Orleans, La."
[35] Amount warranted to the Navy Department on account of the act for the "Relief and transportation of American citizens in Mexico."
[36] Amount warranted to the Navy Department from the appropriation "National security and defense."
[37] Reappropriated unexpended balance, "Commission on additional navy yards and stations."

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Table 4.—SUMMARY OF ALL APPROPRIATIONS FOR THE NEW NAVY, FEBRUARY 22, 1883, TO JULY 1, 1921.

Year, Congress, and session.	By naval appropriation acts.	Miscellaneous acts.	Total.
1883 (47-2)	$16,037,512.23	$882,776.57	$16,920,288.80
1884 (48-1)	8,931,856.12	1,757,293.14	10,689,149.26
1885 (48-2)	21,460,929.54	1,145,386.43	22,606,315.97
1886 (49-1)	16,489,556.72	922,143.49	17,411,700.21
1887 (49-2)	25,786,847.79	37,257.79	25,824,105.58
1888 (50-1)	19,913,281.05	1,034,551.56	20,977,832.61
1889 (50-2)	21,692,510.27	1,963,027.17	23,655,537.44
1890 (51-1)	23,136,035.53	2,318,815.22	25,454,850.75
1891 (51-2)	31,541,645.78	1,234,394.86	32,776,040.64
1892 (52-1)	23,543,266.65	450,972.19	23,994,238.84
1893 (52-2)	22,504,061.38	121,553.68	22,625,615.06
1894 (53-2)	25,366,826.72	325,073.75	25,691,900.47
1895 (53-3)	29,416,077.31	170,578.78	29,586,656.09
1896 (54-1)	30,862,660.95	596,161.18	31,458,822.13
1897 (54-2)	34,128,234.19	705,216.85	34,833,451.04
1897 (55-1)	.....	557,561.02	557,561.02
1898 (55-2)	56,098,783.68	88,458,157.09	144,556,940.77
1899 (55-3)	48,099,969.58	9,197,600.20	57,297,569.78
1900 (56-1)	61,140,916.67	5,808,369.95	66,949,286.62
1901 (56-2)	78,101,791.00	4,918,299.23	83,020,090.23
1902 (57-1)	78,858,761.07	6,488,584.22	85,347,345.29
1903 (57-2)	81,876,791.43	3,116,906.56	84,993,697.99
1904 (58-2)	97,505,140.94	6,347,029.97	103,852,170.91
1905 (58-3)	102,836,679.94	15,623,217.62	118,459,897.56
1906 (59-1)	102,371,670.27	3,443,672.23	105,815,342.50
1907 (59-2)	99,971,449.79	921,982.19	100,893,431.98
1908 (60-1)	122,666,133.27	7,347,020.33	130,013,153.60
1909 (60-2)	136,935,199.05	3,107,456.80	140,042,655.85
1910 (61-2)	131,510,246.01	1,706,447.18	133,216,693.19
1911 (61-3)	126,478,338.24	1,340,984.17	127,819,322.41
1912 (62-2)	128,908,196.96	830,217.99	129,738,414.95
1913 (62-3)	141,050,643.53	1,499,720.94	142,550,364.47
1913 (63-1)	.....	193,802.80	193,802.80
1914 (63-2)	145,503,963.48	2,750,368.93	148,254,332.41
1915 (63-3)	149,763,563.45	1,270,344.58	151,033,908.03
1916 (64-1)	312,888,060.25	5,324,147.52	318,212,207.77
1917 (64-2)	520,553,908.27	203,573.00	520,757,481.27
1917 (65-1)	.....	524,286,603.58	524,286,603.58
1918 (65-2)	.....	653,225,023.06	653,225,023.06
1918 (65-2-3)	1,895,610,070.53	402,557,410.27	2,298,167,480.80
1919 (66-1-2)	613,691,744.88	22,692,149.68	636,383,894.56
1920 (66-2-3) 1921 (67-1)	433,211,780.00	341,991,227.17	775,203,007.17
Total	6,016,475,104.52	2,128,873,080.94	8,145,348,185.46

NOTES.—Tables 1, 2, 3, and 4 do not include the act of Mar. 3, 1875, authorizing the expenditure each year of $75,000 from the proceeds of sales of ordnance material nor to appropriations for clerical and contingent expense of Navy Department.

In the preparation of Tables 1, 2, 3, and 4 all reappropriations warranted by the Treasury Department have been treated the same as new appropriations.

Total expenditures for the "New Navy" from 1884 to 1921, inclusive, $7,486,204,201.65.

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Table 5.—COMPARATIVE STATEMENT OF ESTIMATES AND APPROPRIATIONS, 1921-22, NAVAL AND CIVIL ESTABLISHMENTS.

NAVAL ESTABLISHMENTS.

Naval Establishment.	Appropriated, 1921.	Estimates, 1922.	Increase of estimates for 1922 over amount appropriated for 1921 for same purpose.	Decrease of estimates for 1922 as compared with amount appropriated for 1921 for same purpose.	New items, 1922.
Pay, miscellaneous	$3,550,000.00	$6,000,000.00	$2,450,000.00		
Contingent, Navy	75,000.00	50,000.00		$25,000.00	
Temporary government for West Indian Islands	343,440.00	343,440.00			
Investigation of fuel oil, etc	30,000.00	30,000.00			
Expenses, Civilian Naval Consulting Board	15,000.00	10,000.00		5,000.00	
Aviation, Navy	20,000,000.00	35,000,000.00	15,000,000.00		
State marine schools	75,000.00	75,000.00			
Care of lepers, etc., island of Guam	20,000.00	20,000.00			
Bureau of Navigation:					
Transportation and recruiting	3,500,000.00	6,000,000.00	2,500,000.00		
Contingent	20,000.00	20,000.00			
Recreation for enlisted men	800,000.00	800,000.00			
Gunnery and engineering exercises	100,000.00	150,000.00	50,000.00		
Instruments and supplies	850,000.00	1,000,000.00	150,000.00		
Ocean and lake surveys	105,000.00	150,000.00	45,000.00		
Naval training station, California	125,000.00	200,000.00	75,000.00		
Naval training station, Rhode Island	275,000.00	500,000.00	225,000.00		
Naval training station, Great Lakes	575,000.00	750,000.00	175,000.00		
Naval training station, naval operating base	375,000.00	375,000.00			
Summer school for boys	200,000.00	200,000.00			
Naval Reserve Force	50,000.00	250,000.00	200,000.00		
Receiving barracks	100,000.00	200,000.00	100,000.00		
Naval War College, Rhode Island	90,950.00	90,950.00			
Salaries and expenses, naval service statements	200,000.00	50,000.00		150,000.00	
Total	7,365,950.00	10,735,950.00	3,520,000.00	150,000.00	

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Bureau of Ordnance:					
Ordnance and ordnance stores	17,500,000.00	17,500,000.00			
Purchase and manufacture of smokeless powder	200,000.00	200,000.00			
Torpedoes and appliances		100,000.00	100,000.00		$100,000.00
Experiments, Bureau of Ordnance	200,000.00	200,000.00			
Contingent, Bureau of Ordnance	25,000.00	25,000.00			
Total	17,925,000.00	18,025,000.00	100,000.00		100,000.00
Bureau of Yards and Docks:					
Maintenance, Bureau of Yards and Docks	6,500,000.00	8,500,000.00	2,000,000.00		
Contingent, Bureau of Yards and Docks	150,000.00	150,000.00			
Total	6,650,000.00	8,650,000.00	2,000,000.00		
Public Works, Bureau of Yards and Docks:					
Navy yard, Portsmouth, N. H.—					
Welding shop	15,000.00	100,000.00	85,000.00		
Navy yard, New York—					
Storage facilities for gasoline and turpentine	6,000.00			6,000.00	
Additional wood-block paving	50,000.00			50,000.00	
Extension of distributing system	41,000.00			41,000.00	
Steel storage-crane runway and electric traveling cranes	200,000.00			200,000.00	
2 cranes for building slips	100,000.00			100,000.00	
Dredging, to continue		100,000.00	100,000.00		100,000.00
Toilet facilities at shipbuilding slips		40,000.00	40,000.00		40,000.00
Total	397,000.00	140,000.00	140,000.00	397,000.00	140,000.00
Navy yard, Philadelphia, Pa.—					
Dry dock, to complete, and the limit of cost is increased to $6,300,000	1,000,000.00	600,000.00		400,000.00	
General dredging	100,000.00			100,000.00	
2 cranes for building slips	100,000.00			100,000.00	
Remodeling building 19 for ordnance shop and gyro optical and torpedo testing shop		14,000.00	14,000.00		14,000.00
Distributing systems		100,000.00	100,000.00		100,000.00
Motor generator set		16,000.00	16,000.00		16,000.00
Total	1,200,000.00	730,000.00	130,000.00	600,000.00	130,000.00
Navy yard, Washington, D. C.—					
Forge-shop water supply	7,500.00			7,500.00	
Concrete roads		100,000.00	100,000.00		100,000.00
West yard lunch room		45,000.00	45,000.00		45,000.00
Brass foundry improvements		45,000.00	45,000.00		45,000.00
Total	7,500.00	190,000.00	190,000.00	7,500.00	190,000.00

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Table 5.—COMPARATIVE STATEMENT OF ESTIMATES AND APPROPRIATIONS, 1921-22, NAVAL AND CIVIL ESTABLISHMENTS—Continued.

NAVAL ESTABLISHMENTS—Continued.

Naval Establishment.	Appropriated, 1921.	Estimates, 1922.	Increase of estimates for 1922 over amount appropriated for 1921 for same purpose.	Decrease of estimates for 1922 as compared with amount appropriated for 1921 for same purpose.	New items, 1922.
Public Works, Bureau of Yards and Docks—Continued.					
Navy yard, Norfolk, Va.—					
Steel storage	$220,000.00			$220,000.00	
Crane for building slip	50,000.00			50,000.00	
Water-front improvements	250,000.00	$250,000.00			
Acetylene plant		50,000.00	$50,000.00		$50,000.00
Compressed-air mains—extension		15,000.00	15,000.00		15,000.00
Total	520,000.00	315,000.00	65,000.00	270,000.00	65,000.00
Navy yard, Charleston, S. C.—					
Dredging	40,000.00	40,000.00			
Coaling plant		100,000.00	100,000.00		100,000.00
Motor generator set		9,000.00	9,000.00		9,000.00
Total	40,000.00	149,000.00	109,000.00		109,000.00
Naval station, Key West, Fla.—					
Distilling plant	75,000.00			75,000.00	
For the development of submarine base		800,000.00	800,000.00		800,000.00
Total	75,000.00	800,000.00	800,000.00	75,000.00	800,000.00
Naval station, New Orleans, La.—					
Fuel-oil plant	30,000.00			30,000.00	
Naval station, Cavite, P. I.—					
Fuel-oil storage	25,000.00	200,000.00	175,000.00		
Water-front improvement		300,000.00	300,000.00		300,000.00
Central power plant		50,000.00	50,000.00		50,000.00
Marine railway		265,000.00	265,000.00		265,000.00
Ordnance storehouse		115,000.00	115,000.00		115,000.00
Water-system extension		25,000.00	25,000.00		25,000.00
Lavatory and toilet facilities		9,000.00	9,000.00		9,000.00
Total	25,000.00	964,000.00	939,000.00		764,000.00

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Naval station, Olongapo, P. I.—					
Improvements to power plant		20,000.00	20,000.00		20,000.00
Depots for coal and other fuel—					
Contingent	50,000.00	50,000.00			
Care and custody of naval petroleum reserves	10,000.00	10,000.00			
Water system at Yorktown, Va	25,000.00			25,000.00	
Fuel storage, Puget Sound, Wash		1,000,000.00	1,000,000.00		1,000,000.00
Fuel storage, San Diego, Calif		500,000.00	500,000.00		500,000.00
Fuel storage, Melville, R. I		126,000.00	126,000.00		126,000.00
Fuel-oil storage, Portsmouth, N. H		150,000.00	150,000.00		150,000.00
Total	85,000.00	1,836,000.00	1,776,000.00	25,000.00	1,776,000.00
Naval fuel depot, San Diego, Calif.—					
Marine railway and additional shore facilities	750,000.00			750,000.00	
Construction of storehouse and fleet landing	400,000.00			400,000.00	
Total	1,150,000.00			1,150,000.00	
Navy yard, Mare Island, Calif.—					
Maintenance of dikes and dredging	100,000.00	200,000.00	100,000.00		
Underground electrical distributing system	75,000.00			75,000.00	
Improvements to central power plant		180,000.00	180,000.00		180,000.00
Rebuilding of timber wharves		100,000.00	100,000.00		100,000.00
Total	175,000.00	480,000.00	380,000.00	75,000.00	280,000.00
Navy yard, Puget Sound, Wash.—					
Railroad extensions	25,000.00			25,000.00	
For grading, filling, and sea-wall construction	175,000.00	300,000.00	125,000.00		
Fire protection	50,000.00			50,000.00	
Locomotive cranes	30,000.00			30,000.00	
Keel blocks for Dry Dock No. 2	40,000.00	6,500.00		33,500.00	
Extension of building No. 178		16,000.00	16,000.00		16,000.00
Railways and sidewalks		30,000.00	30,000.00		30,000.00
Pier No. 4, 700-foot extension		530,000.00	530,000.00		530,000.00
Pier No. 5, rebuilding		860,000.00	860,000.00		860,000.00
Telephone improvements		12,000.00	12,000.00		12,000.00
Pattern-shop extension		108,000.00	108,000.00		108,000.00
50-ton dry-dock crane		200,000.00	200,000.00		200,000.00
Lumber-storage yard		220,000.00	220,000.00		220,000.00
Storehouse for ordnance		115,000.00	115,000.00		115,000.00
Freight pier and shed		1,015,000.00	1,015,000.00		1,015,000.00
Storehouse for provisions and clothing		200,000.00	200,000.00		200,000.00
Rifle range for small arms, including purchase of land		93,000.00	93,000.00		93,000.00
Total	320,000.00	3,705,500.00	3,524,000.00	138,500.00	3,399,000.00

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Table 5.—COMPARATIVE STATEMENT OF ESTIMATES AND APPROPRIATIONS, 1921-22, NAVAL AND CIVIL ESTABLISHMENTS—Continued.

NAVAL ESTABLISHMENTS—Continued.

Naval Establishment.	Appropriated, 1921.	Estimates, 1922.	Increase of estimates for 1922 over amount appropriated for 1921 for same purpose.	Decrease of estimates for 1922 as compared with amount appropriated for 1921 for same purpose.	New items, 1922.
Public Works, Bureau of Yards and Docks—Continued.					
Naval station, Pearl Harbor, Hawaii—					
Electric connections to dry dock	$15,000.00			$15,000.00	
Central power-plant extensions	200,000.00			200,000.00	
Quay wall connecting dry dock and wharf	330,000.00			330,000.00	
Machine shop	100,000.00	$400,000.00	$300,000.00		
Electric system extensions	30,000.00	100,000.00	70,000.00		
Oxyacetylene building	15,000.00			15,000.00	
Marine railway	200,000.00			200,000.00	
Water-front development		500,000.00	500,000.00		$500,000.00
Improvements to coaling plant		75,000.00	75,000.00		75,000.00
Compressed-air system, extension		15,000.00	15,000.00		15,000.00
Ship fitters' shop		150,000.00	150,000.00		150,000.00
Water-supply extension		165,000.00	165,000.00		165,000.00
Forge-shop extension		15,000.00	15,000.00		15,000.00
Purchase of land		20,000.00	20,000.00		20,000.00
Improvements to storage facilities		400,000.00	400,000.00		400,000.00
Athletic field		6,000.00	6,000.00		6,000.00
Foundry extension		100,000.00	100,000.00		100,000.00
Total	890,000.00	1,946,000.00	1,816,000.00	760,000.00	1,446,000.00
Naval station, Guantanamo, Cuba—					
Additional distilling plant, including boilers		80,000.00	80,000.00		80,000.00
Naval station, Tutuila, Samoa—					
Storehouse		24,000.00	24,000.00		24,000.00
Naval Station, Guam—					
1 fixed-ammunition house		40,000.00	40,000.00		40,000.00
1 shell house		25,000.00	25,000.00		25,000.00
1 war-head storage		20,000.00	20,000.00		20,000.00
1 mine storage		50,000.00	50,000.00		50,000.00
13 two-gun ready-service ammunition storage		39,000.00	39,000.00		39,000.00
5 four-gun ready-service ammunition storage		25,000.00	25,000.00		25,000.00
Toward submarine and destroyer base		1,300,000.00	1,300,000.00		1,300,000.00
Total		1,499,000.00	1,499,000.00		1,499,000.00

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Naval proving ground, Indianhead, Md.—					
Box sheds		9,000.00	9,000.00		9,000.00
Surveillance magazine		2,000.00	2,000.00		2,000.00
Oil and paint shed		4,000.00	4,000.00		4,000.00
Total		15,000.00	15,000.00		15,000.00
Naval ammunition depot, Fort Mifflin, Pa.—					
Extension to street lighting		20,000.00	20,000.00		20,000.00
Quilting house		8,000.00	8,000.00		8,000.00
Total		28,000.00	28,000.00		28,000.00
Naval ammunition depot, Puget Sound, Wash.—					
Magazine for T. N. T	25,000.00			25,000.00	
Extension, building No. 7, 150 feet		28,000.00	28,000.00		28,000.00
Total	25,000.00	28,000.00	28,000.00	25,0000.00	28,000.00
Naval ammunition depot, Mare Island, Calif.—					
Magazine and shell house		140,000.00	140,000.00		140,000.00
Naval ammunition depot, Pearl Harbor, Hawaii—					
Shell house	70,000.00			70,000.00	
Roads and walks	10,000.00			10,000.00	
Storehouse for ammunition details		50,000.00	50,000.00		50,000.00
Magazine for ignition ends		2,000.00	2,000.00		2,000.00
Torpedo, war-heads, and gyro storage		100,000.00	100,000.00		100,000.00
Mine storage		190,000.00	190,000.00		190,000.00
Total	80,000.00	342,000.00	342,000.00	80,000.00	342,000.00
Naval torpedo station, Keyport, Wash.—					
Extension to Pier No. 1 and reinforcements of Piers 1 and 2		70,000.00	70,000.00		70,000.00
General storehouse		70,000.00	70,000.00		70,000.00
Oil-storage house		3,000.00	3,000.00		3,000.00
Torpedo storage		75,000.00	75,000.00		75,000.00
Total		218,000.00	218,000.00		218,000.00
Naval training station, Great Lakes, Ill.—					
Toward shore protection and harbor development	500,000.00			500,000.00	
Improving sewerage plants		15,000.00	15,000.00		15,000.00
Total	500,000.00	15,000.00	15,000.00	500,000.00	15,000.00
Naval training station, San Diego, Calif.—					
Toward the development of a permanent training station	1,000,000.00	1,000,000.00			

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Table 5.—COMPARATIVE STATEMENT OF ESTIMATES AND APPROPRIATIONS, 1921-22, NAVAL AND CIVIL ESTABLISHMENTS—Continued.

NAVAL ESTABLISHMENTS—Continued.

Naval Establishment.	Appropriated, 1921.	Estimates, 1922.	Increase of estimates for 1922 over amount appropriated for 1921 for same purpose.	Decrease of estimates for 1922 as compared with amount appropriated for 1921 for same purpose.	New items, 1922.
Public Works, Bureau of Yards and Docks—Continued.					
Naval operating base, Hampton Roads, Va.—					
Hot-water returns to boiler house	$100,000.00			$100,000.00	
Additional railroad track	25,000.00			25,000.00	
Comfort stations	36,000.00			36,000.00	
Sanitation	10,000.00			10,000.00	
Restoration of building No. 24		$70,000.00	$70,000.00		$70,000.00
Completion of lagoon bulkhead		55,000.00	55,000.00		55,000.00
Motor-generator set		20,000.00	20,000.00		20,000.00
Total	171,000.00	145,000.00	145,000.00	171,000.00	145,000.00
Marine barracks, San Diego, Calif.—					
Toward the development of the Marine Corps base, including the purchase of land not to exceed $17,500	500,000.00	500,000.00			
Submarine base, New London, Conn.—					
Toward the completion of submarine base	50,000.00	50,000.00			
Purchase of land		40,000.00	40,000.00		40,000.00
Total	50,000.00	90,000.00	40,000.00		40,000.00
Submarine base, Coco Solo, Canal Zone—					
Grading and drainage		44,000.00	44,000.00		44,000.00
Submarine base, Pearl Harbor, Hawaii—					
Additional piers		100,000.00	100,000.00		100,000.00
Battery-charging installation		100,000.00	100,000.00		100,000.00
Total		200,000.00	200,000.00		200,000.00
Naval base, San Diego, Calif.—					
Storehouse at foot of Broadway		250,000.00	250,000.00		250,000.00

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Naval Academy, Annapolis—					
Install running water in Bancroft Hall	69,000.00			69,000.00	
Water purification plant	85,000.00			85,000.00	
Improvement of swimming tank	6,000.00			6,000.00	
Total	160,000.00			160,000.00	
Naval hospital, Norfolk, Va.—					
Purchase of land for spur track	450.00			450.00	
Naval hospital, Philadelphia, Pa.—					
Operating pavilion	30,000.00			30,000.00	
Investigations, naval bases, Pacific coast	50,000.00			50,000.00	
Naval radio station, South San Francisco, Calif.—					
Land, etc	6,000.00			6,000.00	
Submarine and destroyer base, Columbia River—					
Toward the development of submarine and destroyer base	250,000.00			250,000.00	
Repairs and preservation at navy yards—					
For repairs and preservations at navy yards, fuel depots, fuel plants and stations	3,000,000.00	5,000,000.00	2,000,000.00		
Recapitulation—Public works, Bureau of Yards and Docks—					
Navy yard, Portsmouth	15,000.00	100,000.00	85,000.00		
Navy yard, New York	397,000.00	140,000.00	140,000.00	397,000.00	140,000.00
Navy yard, Philadelphia	1,200,000.00	730,000.00	130,000.00	600,000.00	130,000.00
Navy yard, Washington	7,500.00	190,000.00	190,000.00	7,500.00	190,000.00
Navy yard, Norfolk	520,000.00	315,000.00	65,000.00	270,000.00	65,000.00
Navy yard, Charleston	40,000.00	149,000.00	109,000.00		109,000.00
Naval station, Key West	75,000.00	800,000.00	800,000.00	75,000.00	800,000.00
Naval station, New Orleans	30,000.00			30,000.00	
Naval station, Cavite	25,000.00	964,000.00	939,000.00		764,000.00
Naval station, Olongopo		20,000:00	20,000.00		20,000.00
Depots for coal	85,000.00	1,836,000.00	1,776,000.00	25,000.00	1,776,000.00
Naval fuel depot, San Diego	1,150,000.00			1,150,000.00	
Navy yard, Mare Island	175,000.00	480,000.00	380,000.00	75,000.00	280,00.000
Navy yard, Puget Sound	320,000.00	3,705,500.00	3,524,000.00	138,500.00	3,399,000.00
Naval station, Pearl Harbor	890,000.00	1,946,000.00	1,816,000.00	760,000.00	1,446,000.00
Naval station, Guantanamo		80,000.00	80,000.00		80,000.00
Naval station, Tutuila		24,000.00	24,000.00		24,000.00
Naval station, Guam		1,499,000.00	1,499,000.00		1,499,000.00
Naval proving ground, Indianhead		15,000.00	15,000.00		15,000.00
Naval ammunition depot, Fort Mifflin, Pa		28,000.00	28,000.00		28,000.00
Naval ammunition depot, Puget Sound, Wash	25,000.00	28,000.00	28,000.00	25,000.00	28,000.00
Naval ammunition depot, Mare Island, Calif		140,000.00	140,000.00		140,000.00
Naval ammunition depot, Pearl Harbor, Hawaii	80,000.00	342,000.00	342,000.00	80,000.00	342,000.00
Naval Torpedo station, Keyport, Wash		218,000.00	218,000.00		218,000.00
Naval training station, Great Lakes, Ill	500,000.00	15,000.00	15,000.00	500,000.00	15,000.00
Naval training station, San Diego, Calif	1,000,000.00	1,000,000.00			
Naval operating base, Hampton Roads, Va	171,000.00	145,000.00	145,000.00	171,000.00	145,000.00
Marine barracks, San Diego, Calif	500,000.00	500,000.00			

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Table 5.—COMPARATIVE STATEMENT OF ESTIMATES AND APPROPRIATIONS, 1921-22, NAVAL AND CIVIL ESTABLISHMENTS—Continued.

NAVAL ESTABLISHMENTS—Continued.

Naval Establishment.	Appropriated, 1921.	Estimates, 1922.	Increase of estimates for 1922 over amount appropriated for 1921 for same purpose.	Decrease of estimates for 1922 as compared with amount appropriated for 1921 for same purpose.	New items, 1922.
Public Works, Bureau of Yards and Docks—Continued.					
Naval operating base, Hampton Roads, Va.—					
Hot-water returns to boiler house	$100,000.00			$100,000.00	
Additional railroad track	25,000.00			25,000.00	
Comfort stations	36,000.00			36,000.00	
Sanitation	10,000.00			10,000.00	
Restoration of building No. 24		$70,000.00	$70,000.00		$70,000.00
Completion of lagoon bulkhead		55,000.00	55,000.00		55,000.00
Motor-generator set		20,000.00	20,000.00		20,000.00
Total	171,000.00	145,000.00	145,000.00	171,000.00	145,000.00
Marine barracks, San Diego, Calif.—					
Toward the development of the Marine Corps base, including the purchase of land not to exceed $17,500	500,000.00	500,000.00			
Submarine base, New London, Conn.—					
Toward the completion of submarine base	50,000.00	50,000.00			
Purchase of land		40,000.00	40,000.00		40,000.00
Total	50,000.00	90,000.00	40,000.00		40,000.00
Submarine base, Coco Solo, Canal Zone—					
Grading and drainage		44,000.00	44,000.00		44,000.00
Submarine base, Pearl Harbor, Hawaii—					
Additional piers		100,000.00	100,000.00		100,000.00
Battery-charging installation		100,000.00	100,000.00		100,000.00
Total		200,000.00	200,000.00		200,000.00
Naval base, San Diego, Calif.—					
Storehouse at foot of Broadway		250,000.00	250,000.00		250,000.00

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Naval Academy, Annapolis—					
Install running water in Bancroft Hall	69,000.00			69,000.00	
Water purification plant	85,000.00			85,000.00	
Improvement of swimming tank	6,000.00			6,000.00	
Total	160,000.00			160,000.00	
Naval hospital, Norfolk, Va.—					
Purchase of land for spur track	450.00			450.00	
Naval hospital, Philadelphia, Pa.—					
Operating pavilion	30,000.00			30,000.00	
Investigations, naval bases, Pacific coast	50,000.00			50,000.00	
Naval radio station, South San Francisco, Calif.—					
Land, etc	6,000.00			6,000.00	
Submarine and destroyer base, Columbia River—					
Toward the development of submarine and destroyer base	250,000.00			250,000.00	
Repairs and preservation at navy yards—					
For repairs and preservations at navy yards, fuel depots, fuel plants and stations	3,000,000.00	5,000,000.00	2,000,000.00		
Recapitulation—Public works, Bureau of Yards and Docks—					
Navy yard, Portsmouth	15,000.00	100,000.00	85,000.00		
Navy yard, New York	397,000.00	140,000.00	140,000.00	397,000.00	140,000.00
Navy yard, Philadelphia	1,200,000.00	730,000.00	130,000.00	600,000.00	130,000.00
Navy yard, Washington	7,500.00	190,000.00	190,000.00	7,500.00	190,000.00
Navy yard, Norfolk	520,000.00	315,000.00	65,000.00	270,000.00	65,000.00
Navy yard, Charleston	40,000.00	149,000.00	109,000.00		109,000.00
Naval station, Key West	75,000.00	800,000.00	800,000.00	75,000.00	800,000.00
Naval station, New Orleans	30,000.00			30,000.00	
Naval station, Cavite	25,000.00	964,000.00	939,000.00		764,000.00
Naval station, Olongopo		20,000;00	20,000.00		20,000.00
Depots for coal	85,000.00	1,836,000.00	1,776,000.00	25,000.00	1,776,000.00
Naval fuel depot, San Diego	1,150,000.00			1,150,000.00	
Navy yard, Mare Island	175,000.00	480,000.00	380,000.00	75,000.00	280,00.000
Navy yard, Puget Sound	320,000.00	3,705,500.00	3,524,000.00	138,500.00	3,399,000.00
Naval station, Pearl Harbor	890,000.00	1,946,000.00	1,816,000.00	760,000.00	1,446,000.00
Naval station, Guantanamo		80,000.00	80,000.00		80,000.00
Naval station, Tutuila		24,000.00	24,000.00		24,000.00
Naval station, Guam		1,499,000.00	1,499,000.00		1,499,000.00
Naval proving ground, Indianhead		15,000.00	15,000.00		15,000.00
Naval ammunition depot, Fort Mifflin, Pa		28,000.00	28,000.00		28,000.00
Naval ammunition depot, Puget Sound, Wash	25,000.00	28,000.00	28,000.00	25,000.00	28,000.00
Naval ammunition depot, Mare Island, Calif		140,000.00	140,000.00		140,000.00
Naval ammunition depot, Pearl Harbor, Hawaii	80,000.00	342,000.00	342,000.00	80,000.00	342,000.00
Naval Torpedo station, Keyport, Wash		218,000.00	218,000.00		218,000.00
Naval training station, Great Lakes, Ill	500,000.00	15,000.00	15,000.00	500,000.00	15,000.00
Naval training station, San Diego, Calif	1,000,000.00	1,000,000.00			
Naval operating base, Hampton Roads, Va	171,000.00	145,000.00	145,000.00	171,000.00	145,000.00
Marine barracks, San Diego, Calif	500,000.00	500,000.00			

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Table 5.—COMPARATIVE STATEMENT OF ESTIMATES AND APPROPRIATIONS, 1921-22, NAVAL AND CIVIL ESTABLISHMENTS—Continued.

NAVAL ESTABLISHMENTS—Continued.

Naval Establishment.	Appropriated, 1921.	Estimates, 1922.	Increase of estimates for 1922 over amount appropriated for 1921 for same purpose.	Decrease of estimates for 1922 as compared with amount appropriated for 1921 for same purpose.	New items, 1922.
Public Works, Bureau of Yards and Docks—Continued.					
Recapitulation—Public Works, Bureau of Yards and Docks—Continued.					
Submarine base, New London	$50,000.00	$90,000.00	$40,000.00		$40,000.00
Submarine base, Coco Solo, Canal Zone		44,000.00	44,000.00		44,000.00
Submarine base, Pearl Harbor, Hawaii		200,000.00	200,000.00		200,000.00
Naval base, San Diego, Calif		250,000.00	250,000.00		250,000.00
Naval Academy, Annapolis	160,000.00			$160,000.00	
Naval hospital, Norfolk, Va	450.00			450.00	
Naval hospital, Philadelphia, Pa	30,000.00			30,000.00	
Investigations, naval bases, Pacific coast	50,000.00			50,000.00	
Naval radio station, South San Francisco, Calif	6,000.00			6,000.00	
Submarine and destroyer base, Columbia River	250,000.00			250,000.00	
Repairs and preservation at navy yards	3,000,000.00	5,000,000.00	2,000,000.00		
Total	10,751,950.00	20,993,500.00	15,042,000.00	4,800,450.00	12,187,000.00
Bureau of Medicine and Surgery:					
Medical department	2,500,000.00	4,000,000.00	1,500,000.00		
Contingent, Bureau of Medicine and Surgery	500,000.00	500,000.00			
Bringing home remains of officers, etc., Navy Department	300,000.00	200,000.00		100,000.00	
Care of hospital patients	100,000.00	100,000.00			
Total	3,400,000.00	4,800,000.00	1,500,000.00	100,000.00	
Pay of the Navy	120,876,537.00	184,923,910.00	64,047,373.00		
Bureau of Supplies and Accounts:					
Provisions, Navy	26,000,000.00	35,000,000.00	9,000,000.00		
Maintenance, Bureau of Supplies and Accounts	10,500,000.00	14,000,000.00	3,500,000.00		
Freight, Bureau of Supplies and Accounts	2,000,000.00	5,000,000.00	3,000,000.00		
Fuel and transportation	10,000,000.00	37,000,000.00	27,000,000.00		
Total	48,500,000.00	91,000,000.00	42,500,000.00		
Bureau of Construction and Repair:					
Construction and repair of vessels	31,000,000.00	35,800,000.00	4,800,000.00		

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Improvement of construction plants—					
Navy yard, Portsmouth	8,000.00	8,000.00			
Navy yard, Boston, Mass	20,000.00	20,000.00			
Navy yard, New York	28,000.00	28,000.00			
Navy yard, Philadelphia, Pa	20,000.00	20,000.00			
Navy yard, Norfolk, Va	28,000.00	28,000.00			
Navy yard, Charleston, S. C	8,000.00	8,000.00			
Navy yard, Mare Island, Calif	35,000.00	35,000.00			
Navy yard, Puget Sound, Wash	25,000.00	25,000.00			
Total	31,172,000.00	35,972,000.00	4,800,000.00		
Bureau of Engineering:					
Engineering	29,050,000.00	33,670,000.00	4,620,000.00		
Engineering experimental station, Annapolis, Md	225,000.00	225,000.00			
Submarine engines		2,000,000.00	2,000,000.00		2,000,000.00
Total	29,275,000.00	35,895,000.00	6,620,000.00		2,000,000.00
Naval Academy, Annapolis, Md.:					
Civil establishment	1,192,407.52	1,193,445.83	1,038.31		
Current and miscellaneous expenses	119,500.00	119,700.00	200.00		
Maintenance and repairs	1,218,500.00	1,218,500.00			
Total	2,530,407.52	2,531,645.83	1,238.31		
United States Marine Corps:					
Pay, Marine Corps—					
Pay, officers' active and reserve list	3,705,952.00	4,386,196.01	680,244.01		
Pay, officers' retired list	278,740.00	353,761.25	75,021.25		
Pay of noncommissioned officers, musicians, and privates, active and reserve list	10,308,331.20	15,408,680.50	5,100,349.30		
Pay, enlisted men, retired list	168,045.00	210,822.60	42,777.60		
Undrawn clothing	50,000.00	25,000.00		25,000.00	
Mileage	162,500.00	150,000.00		12,500.00	
Commutation of quarters	212,500.00	212,500.00			
Pay, civil force—					
Office of the Major General Commandant	7,771.28	7,771.28			
Paymaster's department	3,750.00	3,750.00			
Adjutant and inspector's department	9,750.00	9,750.00			
Quartermaster's department	25,440.00	25,440.00			
Temporary employees and officers at Marine Corps headquarters and at Marine Corps post	100,000.00	100,000.00			
Total	15,032,779.48	20,893,671.64	5,898,392.16	37,500.00	
Maintenance, Quartermaster's Department, Marine Corps—					
Provisions	4,244,498.00	6,724,814.00	2,480,316.00		
Clothing	1,856,690.00	2,744,000.00	887,310.00		
Fuel	450,000.00	864,800.00	414,800.00		
Military stores	1,000,000.00	1,000,000.00			
Transportation and recruiting	800,000.00	1,450,000.00	650,000.00		
Repairs of barracks	250,000.00	500,000.00	250,000.00		

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Table 5.—COMPARATIVE STATEMENT OF ESTIMATES AND APPROPRIATIONS, 1921-22, NAVAL AND CIVIL ESTABLISHMENTS—Continued.

NAVAL ESTABLISHMENTS—Continued.

Naval Establishment.	Appropriated, 1921.	Estimates, 1922.	Increase of estimates for 1922 over amount appropriated for 1921 for same purpose.	Decrease of estimates for 1922 as compared with amount appropriated for 1921 for same purpose.	New items, 1922.
Public Works, Bureau of Yards and Docks—Continued.					
Maintenance, Quartermaster's Department Marine Corps—Continued.					
Forage	$100,000.00	$100,000.00			
Commutation of quarters	250,000.00	683,000.00	$433,000.00		
Contingent	2,740,322.00	5,500,000.00	2,759,678.00		
Total	11,691,510.00	19,566,614.00	7,875,104.00		
Increase of the Navy (on account of vessels heretofore authorized):					
Construction and machinery	48,000,000.00	101,000,000.00	53,000,000.00		
Torpedo boats	11,000,000.00	18,000,000.00	7,000,000.00		
Armor and armament	45,000,000.00	55,000,000.00	10,000,000.00		
Ammunition		10,000,000.00	10,000,000.00		$10,000,000.00
Total	104,000,000.00	184,000,000.00	80,000,000.00		10,000,000.00
RECAPITULATION, NAVAL ESTABLISHMENT.					
Pay, miscellaneous	3,550,000.00	6,000,000.00	2,450,000.00		
Contingent, Navy	75,000.00	50,000.00		$25,000.00	
Temporary government for West Indian Islands	343,440.00	343,440.00			
Investigation of fuel oil	30,000.00	30,000.00			
Expenses, Civilian Naval Consulting Board	15,000.00	10,000.00		5,000.00	
Aviation, Navy	20,000,000.00	35,000,000.00	15,000,000.00		
State marine schools	75,000.00	75,000.00			
Care of lepers, etc., island of Guam	20,000.00	20,000.00			
Bureau of Navigation	7,365,950.00	10,735,950.00	3,520,000.00	150,000.00	
Bureau of Ordnance	17,925,000.00	18,025,000.00	100,000.00		100,000.00
Bureau of Yards and Docks	6,650,000.00	8,650,000.00	2,000,000.00		
Public Works, Bureau of Yards and Docks	10,751,950.00	20,993,500.00	15,042,000.00	4,800,450.00	12,187,000.00
Bureau of Medicine and Surgery	3,400,000.00	4,800,000.00	1,500,000.00	100,000.00	
Pay of the Navy	120,876,537.00	184,923,910.00	64,047,373.00		
Bureau of Supplies and Accounts	48,500,000.00	91,000,000.00	42,500,000.00		
Bureau of Construction and Repair	31,172,000.00	35,972,000.00	4,800,000.00		
Bureau of Engineering	29,275,000.00	35,895,000.00	6,620,000.00		2,000,000.00
Naval Academy	2,530,407.52	2,531,645.83	1,238.31		

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United States Marine Corps:					
Pay, Marine Corps	15,032,779.48	20,893,671.64	5,898,392.16	37,500.00	
Maintenance, Quartermaster's Department, Marine Corps	11,691,510.00	19,566,614.00	7,875,104.00		
Total, exclusive of increase of Navy	329,279,574.00	495,515,731.47	171,354,107.47	5,117,950.00	14,287,000.00
Increase of Navy (on account of vessels heretofore authorized)	104,000,000.00	184,000,000.00	80,000,000.00		10,000,000.00
Grand total	433,279,574.00	679,515,731.47	251,354,107.47	5,117,950.00	24,287,000.00
		433,279,574.00			
Net increase		246,236,157.47			

NAVY DEPARTMENT.

CIVIL ESTABLISHMENT.

Office of the Secretary:					
Salaries, statutory force	$78,830.00	$80,890.00			
Assistant Secretary			$2,500.00		
Chief clerk			2,000.00		
Disbursing clerk (omitted)				$2,250.00	
Printing clerk			250.00		
Stenographer			200.00		
Clerk, class4			200.00		
2 class 3 clerks in lieu of 2 $1,000 clerks			1,200.00		
3 class 1 clerks in lieu of 2 $1,000 clerks			400.00		
1 $1,000 clerk			100.00		
1 $900 clerk (omitted)				900.00	
Carpenter			400.00		
1 messenger in lieu of laborer			180.00		
Laborer (omitted)				660.00	
Messenger (omitted)				600.00	
2 messengers (omitted)				960.00	
Salaries, temporary employees	56,600.00	54,100.00		2,500.00	
Total	135,430.00	134,990.00	7,430.00	7,870.00	
Office of the solicitor:					
Salaries, statutory force	22,990.00	27,770.00			
Solicitor			2,000.00		
Assistant solicitor in lieu of law clerk at $2,500			1,000.00		
Law clerks			1,100.00		
Clerks			560.00		
Messenger			120.00		
Salaries, temporary employees	25,000.00	22,520.00		2,480.00	
Total	47,990.00	50,290.00	4,780.00	2,480.00	

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Table 5.—COMPARATIVE STATEMENT OF ESTIMATES AND APPROPRIATIONS, 1921-22, NAVAL AND CIVIL ESTABLISHMENTS—Continued.

NAVAL ESTABLISHMENTS—Continued.

Naval Establishment.	Appropriated, 1921.	Estimates, 1922.	Increase of estimates for 1922 over amount appropriated for 1921 for same purpose.	Decrease of estimates for 1922 as compared with amount appropriated for 1921 for same purpose.	New items, 1922.
Historical section and library:					
Salaries	$21,000.00	$26,110.00			
Librarian and chief civilian historian (submitted)			$3,600.00		$3,600.00
Chief clerk			750.00		
3 class 1 clerks in lieu of 2 at $1,000 and copyist at $900			700.00		
Assistant messenger in lieu of laborer at $660			60.00		
Naval records of the World War	20,000.00	23,000.00	3,000.00		
Total	41,000.00	49,110.00	8,110.00		3,600.00
Office of the Judge Advocate General:					
Salaries, statutory force	28,810.00	38,060.00			
2 attorneys at $3,000 each transferred from temporary roll with increase of $500 each			7,000.00		
2 attorneys			1,000.00		
Chief law clerk			250.00		
2 law clerks, one at $2,000 and one at $1,600 (omitted)				$3,600.00	
Class 4 clerk			200.00		
2 class 3 clerks in lieu of 2 of class 1			800.00		
2 class 2 clerks in lieu of 2 $1,000 clerks			800.00		
2 clerks at $1,300 (submitted)			2,600.00		2,600.00
1 $900 clerk			200.00		
alaries, temporary employees	6,000.00			6,000.00	
Total	34,810.00	38,060.00	12,850.00	9,600.00	2,600.00
Office of Chief of Naval Operations:					
Salaries, statutory force	25,650.00	28,790.00			
Chief clerk			1,000.00		
Principal clerk in lieu of class 4 clerk			200.00		
2 class 2 clerks in lieu of one $1,000 and one $900 clerk			900.00		
2 draftsmen			600.00		
2 assistant messengers in lieu of one messenger boy at $600 and one at $400			440.00		
Salaries, temporary employees	56,700.00	66,240.00	9,540.00		
Total	82,350.00	95,030.00	12,680.00		

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Office of Director of Naval Communications:					
Salaries	160,000.00	160,000.00			
Bureau of Navigation:					
Salaries, statutory force	100,010.00	107,870.00			
Chief clerk			1,000.00		
Chiefs of divisions—					
1 in lieu of clerk at $2,200			550.00		
2 (submitted)			5,000.00		5,000.00
Clerks—					
Supervisory, in lieu of 1 of class 4			450.00		
3 of class 2 (submitted)			4,200.00		4,200.00
5 of class 1 (omitted)				6,000.00	
14 at $1,100 (submitted)			15,400.00		15,400.00
5 at $1,000 (omitted)				5,000.00	
5 at $900 (omitted)				4,500.00	
2 copyists at $900 (omitted)				1,800.00	
2 copyists at $840 (omitted)				1,680.00	
2 assistant messengers in lieu of 2 messenger boys			240.00		
Salaries, temporary employees	404,140.00	480,370.00	76,230.00		
Total	504,150.00	588,240.00	103,070.00	18,980.00	24,600.00
Office of Naval Intelligence:					
Salaries, statutory force	17,100.00	18,950.00			
Chief clerk in lieu of class 4 clerk			950.00		
1 class 2 clerk in lieu of 1 $1,300 clerk			100.00		
1 class 1 clerk in lieu of 1 $1,000 clerk			200.00		
4 $1,100 clerks in lieu of 4 $1,000 clerks			400.00		
Chief translator in lieu of translator			400.00		
1 messenger boy (omitted)				600.00	
1 draftsman			400.00		
Salaries, temporary employees	35,480.00	30,620.00		4,860.00	
Total	52,580.00	49,570 00	2,450.00	5,460.00	
Hydrographic Office:					
Salaries, statutory force	120,760.00	179,070.00			
Hydrographic engineer			1,000.00		
Assistants			1,980.00		
Chief clerk			950.00		
Nautical experts—					
1			950.00		
1			900.00		
1			1,000.00		
2 $2,100 clerks in lieu of 2 at $1,200			1,800.00		
2 at $2,000 each in lieu of 1 at $1,200 and 1 at $1,000			1,800.00		
2 at $1,800 in lieu of 2 at $1,000			1,600.00		
Clerks—					
1 class 4 in lieu of 1 compiler at $1,400			400.00		
1 class 3 in lieu of custodian of archives at $1,200			400.00		
3 at $1,000 in lieu of 3 copyists at $900			300.00		

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Table 5.—COMPARATIVE STATEMENT OF ESTIMATES AND APPROPRIATIONS, 1921–22, NAVAL AND CIVIL ESTABLISHMENTS—Continued.

NAVAL ESTABLISHMENTS—Continued.

Naval Establishment.	Appropriated, 1921.	Estimates, 1922.	Increase of estimates for 1922 over amount appropriated for 1921 for same purpose.	Decrease of estimates for 1922 as compared with amount appropriated for 1921 for same purpose.	New items, 1922.
Hydrographic Office—Continued.					
Salaries, statutory force—Continued.					
Editor of Notice to Mariners			$950.00		
Computer			850.00		
Draftsmen—					
4 at $2,750 in lieu of 4 at $1,000			7,000.00		
4 at $2,500 in lieu of 4 at $1,000			6,000.00		
4 at $2,250 in lieu of 1 at $900 and 3 apprentices at $700			6,000.00		
2 at $2,000 in lieu of 2 at $1,000			2,000.00		
Engravers—					
Chief			1,000.00		
13			10,250.00		
4 engravers and apprentices			780.00		
Plate printers—					
Chief			850.00		
2 at $1,600 in lieu of 1 at $1,200 and 1 at $800			1,200.00		
2 at $1,400			1,000.00		
2 at $1,000 in lieu of 1 apprentice at $700 and 1 at $600			700.00		
Lithographers—					
Chief			700.00		
2 at $1,500			1,000.00		
Apprentice			200.00		
Process photographer			900.00		
Lithographic transferer			850.00		
Lithographic pressman			600.00		
Photographic printer			600.00		
2 negative cutters			1,200.00		
Electrotyper and chart plate maker			600.00		
Salaries, temporary employees	$100,000.00	$148,270.00	48,270.00		
Contingent and miscellaneous expenses—					
For purchase and printing of nautical books, etc	50,000.00	150,000.00	100,000.00		
Contingent expenses of branch offices	15,000.00	20,000.00	5,000.00		
For services of necessary employees at branch offices	25,000.00	54,970.00	29,970.00		
Total	310,760.00	552,310.00	241,550.00		

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Naval Observatory:					
Salaries	56,400.00	78,030.00			
Astronomer (submitted)			3,600.00		$3,600.00
Inspector, nautical instruments (submitted)			2,500.00		2,500.00
Assistant in department of nautical instruments			200.00		
Chief clerk			750.00		
Accounting and supply clerk (submitted)			2,500.00		2,500.00
Instrument maker			300.00		
Librarian			700.00		
Library assistant (submitted)			1,500.00		1,500.00
3 assistants			300.00		
Stenographer and typist			300.00		
Foreman and captain of the watch			500.00		
Carpenter			500.00		
Engineer			600.00		
Painter (submitted)			1,500.00		1,500.00
4 firemen			1,920.00		
7 watchmen			3,360.00		
Mechanic			300.00		
Electrician			300.00		
Salaries, temporary employees	5,000.00	5,000.00			
Contingent and miscellaneous expenses—					
Miscellaneous computation	5,000.00	5,000.00			
Books, etc	1,000.00	1,000.00			
Apparatus, etc	2,500.00	2,500.00			
Repairs to buildings, etc	3,500.00	4,000.00	500.00		
Fuel, etc	12,000.00	13,000.00	1,000.00		
Purchase and installation of new boilers in heating plant	10,000.00			$10,000.00	
Repairs to copper roof of main building		1,000.00	1,000.00		1,000.00
Roads and grounds, for cleaning, repair, and upkeep	6,500.00	8,500.00	2,000.00		
Total	101,900.00	118,030.00	26,130.00	10,000.00	12,600.00
Nautical Almanac Office:					
Salaries	18,420.00	22,520.00			
Assistants—					
1 (submitted)			3,000.00		3,000.00
5 at $1,500, increase of $100 each for 2 and $300 each for 3			1,100.00		
Pay of computers on piecework	1,500.00	4,000.00	2,500.00		
Total	19,920.00	26,520.00	6,600.00		3,000.00
Bureau of Engineering:					
Salaries, statutory force	45,650.00	43,040.00			
Chief clerk			1,000.00		
Clerks—					
1 in lieu of bookkeeper and accountant at $1,800			450.00		
2 at $2,000 in lieu of 2 at $1,300			1,400.00		
3 of class 2 in lieu of 3 of class 1			600.00		
2 at $1,100 in lieu of 2 at $1,000			200.00		
2 expert radio aids (omitted)				6,260.00	
Salaries, temporary employees	100,000.00	103,640.00	3,640.00		
Total	145,650.00	146,680.00	7,290.00	6,260.00	

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Table 5.—COMPARATIVE STATEMENT OF ESTIMATES AND APPROPRIATIONS, 1921-22, NAVAL AND CIVIL ESTABLISHMENTS—Continued.

NAVAL ESTABLISHMENTS—Continued.

Naval Establishment.	Appropriated, 1921.	Estimates, 1922.	Increase of estimates for 1922 over amount appropriated for 1921 for same purpose.	Decrease of estimates for 1922 as compared with amount appropriated for 1921 for same purpose.	New items, 1922.
Bureau of Construction and Repair:					
Salaries, statutory force	$66,130.00	$66,630.00			
Chief clerk			$1,000.00		
Chief of section in lieu of clerk at $1,100			1,400.00		
Clerks—					
1			900.00		
2 of class 2 in lieu of 1 at $1,100 and 1 at $1,000			700.00		
2 at $1,300 in lieu of 2 at $1,000			600.00		
4 of class 1 in lieu of 4 at $1,000			800.00		
1 at $1,000 (omitted)				$1,000.00	
2 copyists (omitted)				1,800.00	
7 assistant messengers in lieu of 1 laborer at $660 and 6 messenger boys at $600			780.00		
5 messenger boys (omitted)				2,880.00	
Salaries, temporary employees	85,000.00	84,680.00		320.00	
Total	151,130.00	151,310.00	6,180.00	6,000.00	
Bureau of Ordnance:					
Salaries, statutory force	34,610.00	35,230.00			
Chief clerk			1,000.00		
Clerks—					
2 at $1,900 in lieu of 2 of class 4			200.00		
2 at $1,700 in lieu of 2 of class 3			200.00		
4 at $1,500 in lieu of 3 of class 2 and 1 at $1,300			500.00		
4 at $1,300 in lieu of 3 of class 1 and 1 at $1,100			500.00		
3 at $1,000 in lieu of 3 copyists at $900			300.00		
2 copyists (submitted)				1,680.00	
Messenger boy (omitted)				400.00	
Salaries, temporary employees	50,000.00	53,290.00	3,290.00		
Total	84,610.00	88,520.00	5,990.00	2,080.00	

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Bureau of Supplies and Accounts:					
Salaries, statutory employees	102,310.00	105,380.00			
Civilian assistant			750.00		
20 class 1 clerks in lieu of 8 at $1,100 and 12 at $1,000			3,200.00		
2 messenger boys (omitted)				880.00	
Salaries, temporary employees	350,000.00	380,980.00	30,980.00		
Total	452,310.00	486,360.00	34,930.00	880.00	
Bureau of Medicine and Surgery:					
Salaries, statutory force	24,150.00	27,250.00			
Chief clerk			1,000.00		
Supervisory clerk in lieu of a $1,000 clerk			1,500.00		
1 class 3 clerk in lieu of a $1,000 clerk			600.00		
Salaries, temporary employees	75,000.00	80,220.00	5,220.00		
Total	99,150.00	107,470.00	8,320.00		
Bureau of Yards and Docks:					
Salaries, statutory force	23,690.00	24,690.00			
Chief clerk			1,000.00		
Salaries, temporary employees	75,000.00	80,160.00	5,160.00		
Total	98,690.00	104,850.00	6,160.00		
Contingent expenses, Navy Department:					
For professional and technical books, etc	2,000.00	3,000.00	1,000.00		
For stationery, furniture, etc	100,000.00	100,000.00			
Total	102,000.00	103,000.00	1,000.00		

NOTE.—The Treasury Department included an appropriation of $250,000 for fiscal year 1921 and an estimate of $300,000 for fiscal year 1922 for printing and binding for Navy Department.

RECAPITULATION, NAVY DEPARTMENT.

Office of the Secretary:					
Statutory force	78,830.00	80,890.00	7,430.00	5,370.00	
Temporary employees	56,600.00	54,100.00		2,500.00	
Office of the Solicitor:					
Statutory force	22,990.00	27,770.00	4,780.00		
Temporary employees	25,000.00	22,520.00		2,480.00	
Historical Section and Library:					
Salaries	21,000.00	26,110.00	5,110.00		3,600.00
Naval Records of the World War	20,000.00	23,000.00	3,000.00		
Office of the Judge Advocate General:					
Statutory force	28,810.00	38,060.00	12,850.00	3,600.00	2,600.00
Temporary employees	6,000.00			6,000.00	

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Table 5.—COMPARATIVE STATEMENT OF ESTIMATES AND APPROPRIATIONS, 1921–22, NAVAL AND CIVIL ESTABLISHMENTS—Continued.

NAVAL ESTABLISHMENTS—Continued.

Naval Establishment.	Appropriated, 1921.	Estimates, 1922.	Increase of estimates for 1922 over amount appropriated for 1921 for same purpose.	Decrease of estimates for 1922 as compared with amount appropriated for 1921 for same purpose.	New items, 1922.
Office of Chief of Naval Operations:					
Statutory force	$25,650.00	$28,790.00	$3,140.00	.....	.....
Temporary employees	56,700.00	66,240.00	9,540.00	.....	.....
Office of Director of Naval Communications	160,000.00	160,000.00	.....	.....	.....
Bureau of Navigation:					
Statutory force	100,010.00	107,870.00	26,840.00	$18,980.00	$24,600.00
Temporary employees	404,140.00	480,370.00	76,230.00	.....	.....
Office of Naval Intelligence:					
Statutory force	17,100.00	18,950.00	2,450.00	600.00	.....
Temporary employees	35,480.00	30,620.00	.....	4,860.00	.....
Hydrographic Office:					
Statutory force	120,760.00	179,070.00	58,310.00	.....	.....
Temporary employees	100,000.00	148,270.00	48,270.00	.....	.....
Contingent and miscellaneous expenses	90,000.00	224,970.00	134,970.00	.....	.....
Naval Observatory:					
Salaries	56,400.00	78,030.00	21,630.00	.....	11,600.00
Temporary employees	5,000.00	5,000.00	.....	.....	.....
Contingent and miscellaneous expenses	34,000.00	26,500.00	2,500.00	10,000.00	1,000.00
Roads and grounds	6,500.00	8,500.00	2,000.00	.....	.....
Nautical Almanac Office	19,920.00	26,520.00	6,600.00	.....	3,000.00
Bureau of Engineering:					
Statutory force	45,650.00	43,040.00	3,650.00	6,260.00	.....
Temporary employees	100,000.00	103,640.00	3,640.00	.....	.....
Bureau of Construction and Repair:					
Statutory force	66,130.00	66,630.00	6,180.00	5,680.00	.....
Temporary employees	85,000.00	84,680.00	.....	320.00	.....
Bureau of Ordnance:					
Statutory force	34,610.00	35,230.00	2,700.00	2,080.00	.....
Temporary employees	50,000.00	53,290.00	3,290.00	.....	.....
Bureau of Supplies and Accounts:					
Statutory force	102,310.00	105,380.00	3,950.00	880.00	.....
Temporary employees	350,000.00	380,980.00	30,980.00	.....	.....
Bureau of Medicine and Surgery:					
Statutory force	24,150.00	27,250.00	3,100.00	.....	.....
Temporary employees	75,000.00	80,220.00	5,220.00	.....	.....

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Bureau of Yards and Docks:					
Statutory force	23,690.00	24,690.00	1,000.00	.....	.....
Temporary employees	75,000.00	80,160.00	5,160.00	.....	.....
Contingent expenses, Navy Department	102,000.00	103,000.00	1,000.00	.....	.....
Total	2,624,430.00	3,050,340.00 2,624,430.00	495,520.00	69,610.00	46,400.00
Net increase	.....	425,910.00			

SUMMARY.

Civil establishment	$2,624,430.00	$3,050,340.00	$495,520.00	$69,610.00	$46,400.00
Naval establishment (exclusive of increase of Navy)	329,279,574.00	495,515,731.47	171,354,107.47	5,117,950.00	14,287,000.00
Permanent annual and indefinite appropriations	23,965,348.13	13,565,096.00	.....	10,400,252.13	.....
Total (exclusive of increase of Navy)	355,869,352.13	512,131,167.47	171,849,627.47	15,587,812.13	14,333,400.00
Increase of Navy (vessels heretofore authorized)	104,000,000.00	184,000,000.00	80,000,000.00	.....	10,000,000.00
Grand total	459,869,352.13	696,131,167.47 459,869,352.13	251,849,627.47	15,587,812.13	24,333,400.00
Net increase	.....	236,261,815.34			

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Table 6.—COMPARATIVE STATEMENT OF ESTIMATES AND APPROPRIATIONS, 1922-23, NAVY DEPARTMENT.

Navy Department.	Appropriated, 1922.	Estimates, 1923.	Increase of estimates for 1923 over amount appropriated for 1922 for same purpose.	Decrease of estimates for 1923 as compared with amount appropriated for 1922 for same purpose.	New items, 1923.
Office of the Secretary:					
Salaries, statutory force	$72,800.00	$75,180.00			
Chief clerk			$2,000.00		
Private secretary to Secretary			1,100.00		
Stenographer, at $1,800, transferred				$1,800.00	
3 class 3 clerks transferred into Secretary's Office			4,800.00		
2 class 2 clerks transferred				2,800.00	
1 class 1 clerk transferred				1,200.00	
1 $1,000 clerk transferred into Secretary's Office			1,000.00		
1 assistant messenger transferred				720.00	
Salaries, temporary employees	45,000.00	58,340.00	13,340.00		
Contingent expenses, Navy Department—					
For professional and technical books, etc	2,000.00	2,000.00			
Alterations to new Navy Building for Shipping Board	75,000.00			75,000.00	
For stationery, furniture, etc	75,000.00	70,000.00		5,000.00	
Pay, miscellaneous	3,500,000.00	3,300,000.00		200,000.00	
Contingent, Navy	50,000.00	45,000.00		5,000.00	
Temporary government for West Indian Islands	343,440.00	250,000.00		93,440.00	
Experimental and research laboratory		100,000.00	100,000.00		$100,000.00
Expenses, Civilian Naval Consulting Board	5,000.00	4,000.00		1,000.00	
State Marine schools	106,250.00	75,000.00		31,250.00	
Care of lepers, etc., Island of Guam	20,000.00	18,000.00		2,000.00	
Office of the Solicitor—					
Salaries, statutory force	22,990.00	22,990.00			
Salaries, temporary employees	20,000.00	19,920.00		80.00	
Office of Naval Records and Library—					
Salaries	21,000.00	20,000.00			
1 $1,000 clerk (omitted)				1,000.00	
Naval Records of World War	20,000.00	19,000.00		1,000.00	
Publication of Naval Records of War of the Rebellion (submitted)		4,500.00	4,500.00		4,500.00
Office of the Judge Advocate General—					
Salaries, statutory force	28,810.00	29,810.00			
1 law clerk (omitted)				1,600.00	
1 class 2 clerk transferred into the Judge Advocate General's Office			1,400.00		
1 class 1 clerk transferred into the Judge Advocate General's Office			1,200.00		
Salaries, temporary employees	6,000.00	6,000.00			
Office of the Chief of Naval Operations—					
Salaries, statutory force	25,650.00	26,650.00			
Chief clerk			1,000.00		
Salaries, temporary employees	40,000.00	33,920.00		6,080.00	

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Office of Director of Naval Communications, salaries	150,000.00	134,300.00		15,700.00	
Office of Naval Intelligence—					
Salaries, statutory force	16,500.00	17,650.00			
Chief clerk in lieu of class 4 clerk			950.00		
Stenographer			1,800.00		1,800.00
Clerk, class 3 (omitted)				1,600.00	
Salaries, temporary employees	15,000.00	13,380.00		1,620.00	
Total	4,660,440.00	4,345,640.00	133,090.00	447,890.00	106,300.00
Bureau of Navigation:					
Salaries, statutory force	100,010.00	101,010.00			
Chief clerk			1,000.00		
Salaries, temporary employees	250,000.00	248,600.00		1,400.00	
Hydrographic Office—					
Salaries, statutory force	120,760.00	109,540.00			
3 draftsmen at $1,000 and 1 at $900 (omitted)				3,900.00	
2 engravers at $1,000 and 1 at $720 (omitted)				2,720.00	
2 plate printers at $900 and 1 at $800 (omitted)				2,600.00	
2 lithographers at $1,000 (omitted)				2,000.00	
Salaries, temporary employees	110,000.00	109,490.00		510.00	
Contingent and miscellaneous expenses—					
For purchase and printing of nautical books, etc	112,000.00	110,000.00		2,000.00	
Contingent expenses of branch offices	15,000.00	15,000.00			
For services of necessary employees at branch offices	25,000.00	23,700.00		1,300.00	
Naval Observatory—					
Salaries	56,400.00	56,400.00			
Contingent and miscellaneous expenses—					
Miscellaneous computations	5,000.00	5,000.00			
Books, etc	1,000.00	1,000.00			
Apparatus, etc	2,500.00	2,500.00			
Repairs, etc	3,500.00	3,500.00			
Fuel, etc	12,000.00	12,000.00			
Grounds and roads, etc	6,500.00	6,500.00			
Repairs to copper roof of main building	1,000.00			1,000.00	
Nautical Almanac Office—					
Salaries	18,420.00	18,420.00			
Pay of computers on piecework	1,500.00	1,500.00			
Transportation and recruiting	3,500,000.00	6,000,000.00	2,500,000.00		
Salaries and expenses, Naval Service statements	25,000.00			25,000.00	
Recreation for enlisted men	800,000.00	700,000.00		100,000.00	
Contingent	20,000.00	18,000.00		2,000.00	
Gunnery and engineering exercises	100,000.00	95,000.00		5,000.00	
Instruments and supplies	750,000.00	750,000.00			
Ocean and lake surveys	105,000.00	90,000.00		15,000.00	
Naval training station, California	125,000.00	125,000.00			
Naval training station, Rhode Island	185,000.00	75,000.00		110,000.00	
Naval training station, Great Lakes	400,000.00	360,000.00		40,000.00	
Compensation for land title to which was taken over by presidential proclamation	546,805.00			546,805.00	
Naval training station, naval operating base, Hampton Roads	375,000.00	360,000.00		15,000.00	

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Table 6.—COMPARATIVE STATEMENT OF ESTIMATES AND APPROPRIATIONS, 1922-23, NAVY DEPARTMENT.

Navy Department.	Appropriated, 1922.	Estimates, 1923.	Increase of estimates for 1923 over amount appropriated for 1922 for same purpose.	Decrease of estimates for 1923 as compared with amount appropriated for 1922 for same purpose.	New items, 1923.
Office of the Secretary:					
Salaries, statutory force	$72,800.00	$75,180.00			
Chief clerk			$2,000.00		
Private secretary to Secretary			1,100.00		
Stenographer, at $1,800, transferred				$1,800.00	
3 class 3 clerks transferred into Secretary's Office			4,800.00		
2 class 2 clerks transferred				2,800.00	
1 class 1 clerk transferred				1,200.00	
1 $1,000 clerk transferred into Secretary's Office			1,000.00		
1 assistant messenger transferred				720.00	
Salaries, temporary employees	45,000.00	58,340.00	13,340.00		
Contingent expenses, Navy Department—					
For professional and technical books, etc	2,000.00	2,000.00			
Alterations to new Navy Building for Shipping Board	75,000.00			75,000.00	
For stationery, furniture, etc	75,000.00	70,000.00		5,000.00	
Pay, miscellaneous	3,500,000.00	3,300,000.00		200,000.00	
Contingent, Navy	50,000.00	45,000.00		5,000.00	
Temporary government for West Indian Islands	343,440.00	250,000.00		93,440.00	
Experimental and research laboratory		100,000.00	100,000.00		$100,000.00
Expenses, Civilian Naval Consulting Board	5,000.00	4,000.00		1,000.00	
State Marine schools	106,250.00	75,000.00		31,250.00	
Care of lepers, etc., Island of Guam	20,000.00	18,000.00		2,000.00	
Office of the Solicitor—					
Salaries, statutory force	22,990.00	22,990.00			
Salaries, temporary employees	20,000.00	19,920.00		80.00	
Office of Naval Records and Library—					
Salaries	21,000.00	20,000.00			
1 $1,000 clerk (omitted)				1,000.00	
Naval Records of World War	20,000.00	19,000.00		1,000.00	
Publication of Naval Records of War of the Rebellion (submitted)		4,500.00	4,500.00		4,500.00
Office of the Judge Advocate General—					
Salaries, statutory force	28,810.00	29,810.00			
1 law clerk (omitted)				1,600.00	
1 class 2 clerk transferred into the Judge Advocate General's Office			1,400.00		
1 class 1 clerk transferred into the Judge Advocate General's Office			1,200.00		
Salaries, temporary employees	6,000.00	6,000.00			
Office of the Chief of Naval Operations—					
Salaries, statutory force	25,650.00	26,650.00			
Chief clerk			1,000.00		
Salaries, temporary employees	40,000.00	33,920.00		6,080.00	

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Office of Director of Naval Communications, salaries	150,000.00	134,300.00		15,700.00	
Office of Naval Intelligence—					
Salaries, statutory force	16,500.00	17,650.00			
Chief clerk in lieu of class 4 clerk			950.00		
Stenographer			1,800.00		1,800.00
Clerk, class 3 (omitted)				1,600.00	
Salaries, temporary employees	15,000.00	13,380.00		1,620.00	
Total	4,660,440.00	4,345,640.00	133,090.00	447,890.00	106,300.00
Bureau of Navigation:					
Salaries, statutory force	100,010.00	101,010.00			
Chief clerk			1,000.00		
Salaries, temporary employees	250,000.00	248,600.00		1,400.00	
Hydrographic Office—					
Salaries, statutory force	120,760.00	109,540.00			
3 draftsmen at $1,000 and 1 at $900 (omitted)				3,900.00	
2 engravers at $1,000 and 1 at $720 (omitted)				2,720.00	
2 plate printers at $900 and 1 at $800 (omitted)				2,600.00	
2 lithographers at $1,000 (omitted)				2,000.00	
Salaries, temporary employees	110,000.00	109,490.00		510.00	
Contingent and miscellaneous expenses—					
For purchase and printing of nautical books, etc	112,000.00	110,000.00		2,000.00	
Contingent expenses of branch offices	15,000.00	15,000.00			
For services of necessary employees at branch offices	25,000.00	23,700.00		1,300.00	
Naval Observatory—					
Salaries	56,400.00	56,400.00			
Contingent and miscellaneous expenses—					
Miscellaneous computations	5,000.00	5,000.00			
Books, etc	1,000.00	1,000.00			
Apparatus, etc	2,500.00	2,500.00			
Repairs, etc	3,500.00	3,500.00			
Fuel, etc	12,000.00	12,000.00			
Grounds and roads, etc	6,500.00	6,500.00			
Repairs to copper roof of main building	1,000.00			1,000.00	
Nautical Almanac Office—					
Salaries	18,420.00	18,420.00			
Pay of computers on piecework	1,500.00	1,500.00			
Transportation and recruiting	3,500,000.00	6,000,000.00	2,500,000.00		
Salaries and expenses, Naval Service statements	25,000.00			25,000.00	
Recreation for enlisted men	800,000.00	700,000.00		100,000.00	
Contingent	20,000.00	18,000.00		2,000.00	
Gunnery and engineering exercises	100,000.00	95,000.00		5,000.00	
Instruments and supplies	750,000.00	750,000.00			
Ocean and lake surveys	105,000.00	90,000.00		15,000.00	
Naval training station, California	125,000.00	125,000.00			
Naval training station, Rhode Island	185,000.00	75,000.00		110,000.00	
Naval training station, Great Lakes	400,000.00	360,000.00		40,000.00	
Compensation for land title to which was taken over by presidential proclamation	546,805.00			546,805.00	
Naval training station, naval operating base, Hampton Roads	375,000.00	360,000.00		15,000.00	

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Table 6.—COMPARATIVE STATEMENT OF ESTIMATES AND APPROPRIATIONS, 1922-23, NAVY DEPARTMENT—Continued.

Navy Department.	Appropriated, 1922.	Estimates, 1923.	Increase of estimates for 1923 over amount appropriated for 1922 for same purpose.	Decrease of estimates for 1923 as compared with amount appropriated for 1922 for same purpose.	New items, 1923.
Office of the Secretary—Continued.					
Naval Reserve Force	$50,000.00	$200,000.00	$150,000.00		
Receiving barracks	50,000.00	100,000.00	50,000.00		
Naval War College, Rhode Island	90,950.00	90,950.00			
Total	7,963,345.00	9,788,110.00	2,701,000.00	$876,235.00	
Bureau of Engineering:					
Salaries, statutory force	39,390.00	36,390.00			
Chief clerk			1,000.00		
1 class 3 clerk transferred				1,600.00	
2 class 1 clerks transferred				2,400.00	
Salaries, temporary employees	100,000.00	80,000.00		20,000.00	
Engineering	20,500,000.00	18,200,000.00		2,300,000.00	
Engineering experiment station, Annapolis	225,000.00	200,000.00		25,000.00	
Total	20,864,390.00	18,516,390.00	1,000.00	2,349,000.00	
Bureau of Construction and Repair:					
Salaries, statutory force	59,830.00	60,830.00			
Chief clerk			1,000.00		
Salaries, temporary employees	80,000.00	56,630.00		23,370.00	
Construction and Repair	22,500,000.00	20,000,000.00		2,500,000.00	
Total	22,639,830.00	20,117,460.00	1,000.00	2,523,370.00	
Bureau of Ordnance:					
Salaries, statutory force	31,830.00	32,830.00			
Chief clerk			1,000.00		
Salaries, temporary employees	40,000.00	36,400.00		3,600.00	
Ordnance and ordnance stores	14,000,000.00	13,130,000.00		870,000.00	
Purchase and manufacture of smokeless powder	200,000.00	180,000.00		20,000.00	
Experiments, Bureau of Ordnance	250,000.00	225,000.00		25,000.00	
Contingent, Bureau of Ordnance	20,000.00	18,000.00		2,000.00	
Total	14,541,830.00	13,622,230.00	1,000.00	920,600.00	

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Bureau of Supplies and Accounts:					
Salaries, statutory force	101,430.00	83,700.00			
Civilian assistant			750.00		
1 class 3 clerk transferred				1,600.00	
1 class 2 clerk transferred into Supplies and Accounts			1,400.00		
18 $1,000 clerks (omitted)				18,000.00	
1 $1,000 clerk transferred				1,000.00	
1 assistant messenger transferred into Supplies and Accounts			720.00		
Salaries, temporary employees	250,000.00	245,420.00		4,580.00	
Pay of the Navy	137,815,303.00	145,154,191.00	7,338,888.00		
Provisions, Navy	21,925,922.50	24,555,179.00	2,629,256.50		
Maintenance, Bureau of Supplies and Accounts	9,000,000.00	8,100,000.00		900,000.00	
Freight, Bureau of Supplies and Accounts	4,000,000.00	5,000,000.00	1,000,000.00		
Fuel and transportation	17,500,000.00	25,000,000.00	7,500,000.00		
Total	190,592,655.50	208,138,490.00	18,471,014.50	925,180.00	
Bureau of Medicine and Surgery:					
Salaries, statutory force	24,150.00	25,150.00			
Chief clerk			1,000.00		
Salaries, temporary employees	40,000.00	37,000.00		3,000.00	
Medical Department	2,920,000.00	2,400,000.00		520,000.00	
Contingent, Bureau of Medicine and Surgery	500,000.00	435,000.00		65,000.00	
Care of hospital patients	100,000.00	85,000.00		15,000.00	
Total	3,584,150.00	2,982,150.00	1,000.00	603,000.00	
Bureau of Yards and Docks:					
Salaries, statutory force	23,690.00	24,690.00			
Chief clerk			1,000.00		
Salaries, temporary employees	50,000.00	32,760.00		17,240.00	
Maintenance, Bureau of Yards and Docks	7,500,000.00	6,750,000.00		750,000.00	
Contingent, Bureau of Yards and Docks	150,000.00	150,000.00			
Total	7,723,690.00	6,957,450.00	1,000.00	767,240.00	
Public Works, Bureau of Yards and Docks:					
Navy yard, Portsmouth, N. H.—					
To aid in construction of bridge connecting city with navy yard at Kittery, Me		250,000.00	250,000.00		
Navy yard, New York—					
Toilet facilities at shipbuilding slips	40,000.00			40,000.00	
Dredging, to continue	100,000.00			100,000.00	
Sprinkling system in mold loft		18,000.00	18,000.00		$18,000.00
Total	140,000.00	18,000.00	18,000.00	140,000.00	18,000.00
Navy yard, Philadelphia, Pa.—					
Dry Dock No. 3, to complete	200,000.00			200,000.00	
Dredging		75,000.00	75,000.00		75,000.00
Pile caps, ways Nos. 2 and 3		125,000.00	125,000.00		125,000.00
Total	200,000.00	200,000.00	200,000.00	200,000.00	200,000.00

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Table 6.—COMPARATIVE STATEMENT OF ESTIMATES AND APPROPRIATIONS, 1922-23, NAVY DEPARTMENT—Continued.

avy Department.	Appropriated, 1922.	Estimates, 1923.	Increase of estimates for 1923 over amount appropriated for 1922 for same purpose.	Decrease of estimates for 1923 as compared with amount appropriated for 1922 for same purpose.	New items, 1923.
Public Works, Bureau of Yards and Docks—Continued.					
Navy yard, Norfolk, Va.—					
Water-front improvements, to continue	$250,000.00	$750,000.00		$175,000.00	
Navy yard, Charleston, S. C.—					
Dredging, to continue	40,000.00	36,000.00		4,000.00	
Naval station, Key West, Fla.—					
For development and completion of submarine base	800,000.00			800,000.00	
Naval Station, Guantanamo—					
Additional distilling facilities	75,000.00			75,000.00	
Navy Yard, Mare Island, Calif.—					
Maintenance of dikes and dredging	175,000.00	150,000.00		25,000.00	
Improvements to central power plant	150,000.00			150,000.00	
Rebuilding wharves and quay walls		200,000.00	$200,000.00		$200,000.00
Total	325,000.00	350,000.00	200,000.00	175,000.00	200,000.00
Navy yard, Puget Sound, Wash.—					
For grading, filling, and sea wall construction	250,000.00			250,000.00	
Keel blocks for Dry Dock No. 2	6,500.00			6,500.00	
Extension of building No. 178	13,500.00			13,500.00	
Roadways and sidewalks	25,000.00	25,000.00			
Pier No. 5, rebuilding and extending	715,000.00			715,000.00	
Telephone improvements	10,000.00			10,000.00	
Pattern-shop extension	90,000.00			90,000.00	
50-ton dry-dock crane	200,000.00			200,000.00	
Additional storage facilities	95,000.00			95,000.00	
Central power plant improvements		40,000.00	40,000.00		40,000.00
Pier No. 4, extension		500,000.00	500,000.00		500,000.00
Dredging		50,000.00	50,000.00		50,000.00
Rifle range, including purchase of land		85,000.00	85,000.00		85,000.00
Total	1,405,000.00	700,000.00	675,000.00	1,380,000.00	675,000.00

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Naval station, Pearl Harbor—					
Addition to machine shop	200,000.00	200,000.00			
Electric system extensions	85,000.00			85,0000.00	
Water front development	450,000.00			450,000.00	
Improvements to cooling plant	75,000.00			75,000.00	
Compressed-air system extension	15,000.00			15,000.00	
Additional storage facilities	200,000.00	265,000.00	65,000.00		153,000.00
Water supply extension		153,000.00	153,000.00		
Blocking for Dry Dock No. 1		25,000.00	25,000.00		25,000.00
Paving, grading and railroad extension		38,000.00	38,000.00		38,000.00
Total	1,025,000.00	681,000.00	281,000.00	625,000.00	216,000.00
Naval station, Tutuila, Samoa—					
Wharf		12,000.00	12,000.00		12,000.00
Naval station, Guam—					
Toward the development of a destroyer and submarine base including the purchase of land		200,000.00	200,000.00		200,000.00
Naval station, Cavite, P. I.—					
Ordnance storage		115,000.00	115,000.00		115,000.00
Water front improvements		48,000.00	48,000.00		48,000.00
Total		163,000.00	163,000.00		163,000.00
Naval station, Olongapo—					
Pontoon		45,000.00	45,000.00		45,000.00
Power plant improvements		55,000.00	55,000.00		55,000.00
Total		100,000.00	100,000.00		100,000.00
Naval ammunition depot, Iona Islands, N. Y.—					
Repairs to south dock		15,000.00	15,000.00		15,000.00
Naval ammunition depot, Lake Denmark, N. J.—					
Addition to water main		5,000.00	5,000.00		5,000.00
Standpipe		21,000.00	21,000.00		21,000.00
Total		26,000.00	26,000.00		26,000.00
Naval ammunition depot, Fort Lafayette, N. Y.—					
Magazine roof		10,000.00	10,000.00		10,000.00
Naval ammunition depot, Charleston, S. C.—					
Magazines for warheads		36,000.00	36,000.00		36,000.00
Naval ammunition depot, Puget Sound, Wash.—					
Extension, building No. 7, 150 feet	25,000.00			25,000.00	
Fuse and detonation house		8,000.00	8,000.00		8,000.00
Total	25,000.00	8,000.00	8,000.00	25,000.00	8,000.00

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Table 6.—COMPARATIVE STATEMENT OF ESTIMATES AND APPROPRIATIONS, 1922-23, NAVY DEPARTMENT—Continued.

Navy Department.	Appropriated, 1922.	Estimates, 1923.	Increase of estimates for 1923 over amount appropriated for 1922 for same purpose.	Decrease of estimates for 1923 as compared with amount appropriated for 1922 for same purpose.	New items, 1923.
Public Works, Bureau of Yards and Docks—Continued.					
Naval ammunition depot, Mare Island, Calif.—					
Additional storage facilities, magazine and shell house	$100,000.00	$100,000.00			
Naval ammunition depot, Pearl Harbor, Hawaii—					
Additional storage facilities	177,000.00	80,000.00		$97,000.00	
Lighting and power extension		15,000.00	$15,000.00		$15,000.00
Total	177,000.00	95,000.00	15,000.00	97,000.00	15,000.00
Depots for coal and other fuel—					
Contingent	50,000.00			50,000.00	
Care and custody of Naval petroleum reserves	10,000.00			10,000.00	
Total	60,000.00			60,000.00	
Naval operating base, Hampton Roads, Va.—					
Motor generator set	20,000.00			20,000.00	
Naval torpedo station, Keyport, Wash.—					
Torpedo storage		45,000.00	45,000.00		45,000.00
Naval training station, Great Lakes, Ill.—					
Shore protection and harbor improvement		425,000.00	425,000.00		425,000.00
Marine barracks, San Diego, Calif.—					
Toward the further development of Marine Corps base, including not to exceed $18,000 for the purchase of land	500,000.00	500,000.00			
Naval base, San Diego, Calif.					
Storehouse at foot of Broadway, to complete	200,000.00			200,000.00	
Naval Hosptial, San Diego, Calif.—					
To continue construction of hospital	500,000.00	500,000.00			
Submarine base, San Pedro, Calif.—					
Toward the development of submarine base, including the purchase of land		100,000.00	100,000.00		100,000.00

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Submarine base, Coco Solo, Canal Zone—					
Grading and drainage	40,000.00			40,000.00	
Submarine base, Pearl Harbor, Hawaii—					
Additional piers	100,000.00			100,000.00	
Battery-charging installation	50,000.00			50,000.00	
Grading, railway, etc		25,000.00	25,000.00		25,000.00
Battery, storage and overhaul building		64,000.00	64,000.00		64,000.00
Total	150,000.00	89,000.00	89,000.00	150,000.00	89,000.00
Training station, San Diego, Calif.—					
To complete the development of a permanent training station	1,000,000.00			1,000,000.00	
Destroyer base, San Diego, Calif.—					
Storage for warheads		60,000.00	60,000.00		60,000.00
Storage for torpedoes		140,000.00	140,000.00		140,000.00
Total		200,000.00	200,000.00		200,000.00
Naval air station, Sand Point, Wash.—					
Toward the development of heavier-than-air station		100,000.00	100,000.00		100,000.00
Naval base, Alameda, Calif.—					
Toward the development of a fleet base		100,000.00	100,000.00		100,000.00
Total, Public Works, Bureau of Yards and Docks	7,032,000.00	5,134,000.00	3,268,000.00	5,166,000.00	2,953,000.00
Grand total, Bureau of Yards and Docks	14,755,690.00	12,091,450.00	3,269,000.00	5,933,240.00	2,953,000.00
Bureau of Aeronautics:					
Salaries		43,310.00	43,310.00		43,310.00
Aviation, Navy	13,413,431.00	17,000,000.00	3,586,569.00		
Total	13,413,431.00	17,043,310.00	3,629,879.00		43,310.00
Naval Academy, Annapolis, Md.:					
Pay, Naval Academy	1,035,645.83	1,211,928.93	176,283.10		
Current and Miscellaneous expenses	119,700.00	119,700.00			
Maintenance and repairs	1,118,500.00	1,118,500.00			
Total	2,273,845.83	2,450,128.93	176,284.10		
Marine Corps:					
Pay, Marine Corps—					
Pay of officers, active and reserve list	4,386,196.01	4,048,462.18		337,733.83	
Pay of officers, retired list	353,761.25	379,047.50	25,286.25		
Pay of enlisted men, active and reserve list	12,060,300.76	11,568,968.84		491,331.92	
Pay of enlisted men, retired list	210,822.60	227,046.40	16,223.80		
Undrawn clothing	25,000.00	250,000.00	225,000.00		
Mileage	150,000.00	135,000.00		15,000.00	
Commutation of quarters	711,100.00	670,000.00		41,100.00	

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Table 6.—COMPARATIVE STATEMENT OF ESTIMATES AND APPROPRIATIONS, 1922-23, NAVY DEPARTMENT—Continued.

Navy Department.	Appropriated, 1922.	Estimates, 1923.	Increase of estimates for 1923 over amount appropriated for 1922 for same purpose.	Decrease of estimates for 1923 as compared with amount appropriated for 1922 for same purpose.	New items, 1923.
Marine Corps—Continued.					
Pay, Marine Corps—Continued.					
Pay of civil force—					
Office of Major General Commandant	$7,771.28	$7,771.28			
Office of Paymaster	3,750.00	3,750.00			
Office of Adjutant and Inspector	9,750.00	9,750.00			
Office of Quartermaster	19,600.00	19,500.00			
1 $1,800 clerk submitted			$1,800.00		$1,800.00
2 $1,200 clerks submitted			2,400.00		2,400.00
Technical engineer (omitted)				$2,300.00	
Draftsman (omitted)				2,000.00	
Office of the assistant quartermaster, San Francisco	2,500.00	2,500.00			
Office of the assistant quartermaster, Philadelphia	3,340.00	3,340.00			
Temporary employees in offices at Marine Corps headquarters and Marine Corps post	100,000.00	100,000.00			
Maintenance, Quartermaster's Department, Marine Corps—					
Provisions	4,141,450.00	4,069,200.00		72,250.00	
Clothing	1,125,000.00	1,494,115.00	369,115.00		
Fuel	590,000.00	884,600.00	294,600.00		
Military stores	500,000.00	500,000.00			
Transportation and recruiting	750,000.00	1,000,000.00	250,000.00		
Repairs of barracks	450,000.00	450,000.00			
Forage	100,000.00	100,000.00			
Contingent	2,000,000.00	2,500,285.00	500,285.00		
Total	27,700,341.90	28,423,336.20	1,684,710.05	961,715.75	4,200.00
Increase of Navy (on account of vessels heretofore authorized):					
Construction and machinery	53,000,000.00	53,000,000.00			
Torpedo boats	4,000,000.00	5,000,000.00	1,000,000.00		
Armor and armament	33,000,000.00	22,000,000.00		11,000,000.00	
Ammunition		5,000,000.00	5,000,000.00		5,000,000.00
Total	90,000,000.00	85,000,000.00	6,000,000.00	11,000,000.00	5,000,000.00

NOTE.—The Treasury Department included an appropriation of $300,000 for fiscal year 1922 and an estimate of $250,000 for fiscal year 1923 for printing and binding for Navy Department.

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RECAPITULATION.

Office of the Secretary	4,660,440.00	4,345,640.00	122,000.00	447,500.00	106,300.00
Bureau of Navigation	7,963,345.00	9,788,110.00	2,701,000.00	876,235.00	
Bureau of Engineering	20,864,390.00	18,516,390.00	1,000.00	2,349,000.00	
Bureau of Construction and Repair	22,639,830.00	20,117,460.00	1,000.00	2,523,370.00	
Bureau of Ordnance	14,541,830.00	13,622,230.00	1,000.00	920,600.00	
Bureau of Supplies and Accounts	190,592,655.50	208,138,490.00	18,471,014.50	925,180.00	
Bureau of Medicine and Surgery	3,584,150.00	2,989,150.00	1,000.00	603,000.00	
Bureau of Yards and Docks	14,755,690.00	12,001,450.00	3,299,000.00	5,933,240.00	2,953,000.00
Bureau of Aeronautics	13,413,431.00	17,043,310.00	3,629,879.00		43,310.00
Naval Academy	2,273,845.83	2,450,128.93	176,283.10		
Marine Corps	27,700,341.90	28,423,336.20	1,684,710.05	961,715.75	4,200.00
Total (exclusive of increase of Navy)	322,989,949.23	337,518,695.13	30,068,976.65	15,540,230.75	3,106,810.00
Increase of Navy (on account of vessels heretofore authorized)	90,000,000.00	85,000,000.00	6,000,000.00	11,000,000.00	5,000,000.00
Grand total	412,989,949.23	422,518,695.13 412,989,949.23	36,068,976.65	26,540,230.75	8,106,810.00
Net increase		9,528,745.90			

SUMMARY.

Civil Establishment	$2,316,660.00	$2,172,910.00	$85,270.00	$229,090.00	$49,610.00
Naval establishment (exclusive of increase of Navy)	320,673,289.23	335,345,785.13	29,983,706.65	15,311,210.75	3,057,200.00
Permanent annual and indefinite appropriations (do not include increased compensation)	13,201,570.14	3,433,672.00		9,767,868.14	
Total (exclusive of increase of Navy)	336,191,519.37	340,952,367.13	30,068,976.65	25,308,128.89	3,106,810.00
Increase of Navy (vessels heretofore authorized)	90,000,000.00	85,000,000.00	6,000,000.00	11,000,000.00	5,000,000.00
Grand total	426,191,519.37 425,952,367.13	425,952,367.13	36,068,976.65	36,308,128.89	8,106,810.00
Net decrease	239,152.24				

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Table 7.—APPROPRIATIONS FOR CLERICAL AND CONTINGENT EXPENSES, NAVY DEPARTMENT.

Date of legislative act.	Congress and session.	Fiscal year.	Legislative act.	Sundry and deficiency acts.	Total.
Mar. 3, 1883	47th, 2d	1884	$282,016.00	$2,000.00	$284,016.00
July 7, 1884	48th, 1st	1885	307,396.00	2,546.20	309,942.20
Mar. 3, 1885	48th, 2d	1886	303,516.00	468.91	303,984.91
July 31, 1886	49th, 1st	1887	314,442.53	1,349.68	315,792.21
Mar. 3, 1887	49th, 2d	1888	314,896.00	.....	314,896.00
July 11, 1888	50th, 1st	1889	335,157.62	1,741.88	336,899.50
Feb. 26, 1889	50th, 2d	1890	349,416.00	831.50	350,247.50
July 11, 1890	51st, 1st	1891	369,103.91	930.23	370,034.14
Mar. 3, 1891	51st, 2d	1892	390,120.00	.....	390,120.00
July 16, 1892	52d, 1st	1893	394,270.00	.....	394,270.00
Mar. 3, 1893	52d, 2d	1894	392,970.00	.....	392,970.00
July 31, 1894	53d, 2d	1895	414,508.86	.....	414,508.86
Mar. 2, 1895	53d, 3d	1896	419,790.00	.....	419,790.00
May 28, 1896	54th, 1st	1897	417,540.00	450.00	417,990.00
Feb. 19, 1897	54th, 2d	1898	420,690.00	15,267.00	435,957.00
Mar. 15, 1898	55th, 2d	1899	430,390.00	11,453.25	441,843.25
Feb. 24, 1899	55th, 3d	1900	446,570.00	.....	446,570.00
Apr. 17, 1900	56th, 1st	1901	501,908.00	1,800.00	503,708.00
Mar. 3, 1901	56th, 2d	1902	506,828.00	.....	506,828.00
Apr. 28, 1902	57th, 1st	1903	518,689.70	22,097.90	540,787.60
Feb. 25, 1903	57th, 2d	1904	581,278.00	2,034.07	583,312.07
Mar. 18, 1904	58th, 2d	1905	711,190.00	3,487.79	714,677.79
Feb. 3, 1905	58th, 3d	1906	739,660.00	4,000.00	743,660.00
July 22, 1906	59th, 1st	1907	767,430.00	1,500.83	768,930.83
Feb. 26, 1907	59th, 2d	1908	786,770.00	1,650.00	788,420.00
May 22, 1908	60th, 1st	1909	803,070.00	3,546.95	806,616.95
Mar. 4, 1909	60th, 2d	1910	825,680.00	12.51	825,692.51
June 17, 1910	61st, 2d	1911	821,340.00	1.20	821,341.20
Mar 4, 1911	61st, 3d	1912	836,740.00	9.75	836,749.75
Aug. 23, 1912	62d, 2d	1913	879,834.29	.....	879,834.29
Mar. 4, 1913	62d, 3d	1914	875,365.00	.....	875,365.00
July 16, 1914	63d, 2d	1915	862,715.01	21,250.00	883,965.01
Mar. 4, 1915	63d, 3d	1916	864,770.00	.....	864,770.00
May 10, 1916	64th, 1st	1917	912,240.00	83,633.61	995,873.61
Mar. 3, 1917	64th, 2d	1918	1,057,290.00	1,335,047.10	2,392,337.10
July 3, 1918	65th, 2d	1919	1,953,004.00	1,043,158.09	2,996,162.09
Mar. 1, 1919	65th, 3d	1920	2,223,010.00	54.62	2,223,064.62
May 29, 1920	66th, 2d	1921	2,624,430.00	3,954.98	2,628,384.98
Mar. 3, 1921	66th, 3d	1922	2,316,660.00	.....	2,316,660.00
Total for 39 years	.....	.....	29,272,694.92	2,564,278.05	31,836,972.97

NOTE.—1919, 1920, and 1921 totals do not include increased compensation ($120 bonus for 1919 and $240 bonus for 1920 and 1921) amounting to $203,900.24, $671,411.62, and $798,044.39, respectively.

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Table 8.—RECAPITULATION OF ESTIMATES OF APPROPRIATIONS, 1920–21. (SIXTY-SIXTH CONGRESS, SECOND SESSION.)

Title of acts.	Regular annual.	Supplemental or deficiency.	Total.
REGULAR ACTS.			
Agriculture	$37,528,102.00	$2,169,755.00	$39,697,857.00
Army	982,800,020.00	1,822,200.00	984,622,220.00
Diplomatic and Consular	11,243,250.91	464,112.00	11,707,362.91
District of Columbia	19,179,716.03	1,249,612.84	20,429,328.87
Fortifications	117,793,330.00	134,000.00	117,927,330.00
Indian	12,994,494.27	.....	12,994,494.27
Legislative, etc	122,242,849.02	201,990.00	122,444,839.02
Military Academy	6,778,637.20	.....	6,778,637.20
Naval	573,131,254.80	9,500,000.00	582,631,254.80
Pension	215,030,000.00	.....	215,030,000.00
Post Office	391,713,673.00	.....	391,713,673.00
River and harbor	42,841,565.00	.....	42,841,565.00
Sundry civil	906,725,387.10	141,500,000.00	1,048,225,387.10
Total, regular acts	3,440,002,279.33	157,041,669.84	3,597,043,949.17
Permanent annual appropriations	1,425,407,752.29	.....	1,245,407,752.29
Total, regular and permanent annual appropriations	4,865,410,031.62	.....	5,022,451,701.46
Miscellaneous estimates	500,050,000.00	.....	500,050,000.00
Total, regular, permanent, and miscellaneous	5,365,460,031.62	.....	5,522,501,701.46
DEFICIENCY ACTS.			
Urgent, fiscal year 1920	.....	33,289,500.00	33,289,500.00
Second, fiscal year 1920	.....	119,174,798.25	119,174,798.25
Railroad and urgent, fiscal year 1920	.....	431,675,429.98	431,675,429.98
Third, fiscal year 1920	.....	64,277,690.40	64,277,690.40
Total, deficiency acts	.....	648,417,418.63	648,417,418.63
Grand total	5,365,460,031.62	805,459,088.47	6,170,919,120.09

NOTE.—The regular annual estimates (including those for permanent appropriations) were submitted to Congress at the beginning of the second session of the Sixty-sixth Congress in House Document No. 411, and the supplemental and deficiency estimates have been submitted from time to time during this session. The amount under "Miscellaneous Estimates" includes the aggregate of the specific sums appropriated in the "Transportation act, 1920," for which no formal estimates were submitted.

Table 9.—RECAPITULATION OF ESTIMATES OF APPROPRIATIONS, 1921–22. (SIXTY-SIXTH CONGRESS, THIRD SESSION, AND SIXTY-SEVENTH CONGRESS, FIRST SESSION.)

Title of acts.	Regular annual.	Supplemental or deficiency.	Total.
REGULAR ACTS.			
Agriculture	$41,989,384.00	$11,040,000.00	$53,029,384.00
Army (including Military Academy)	699,275,502.93	.....	699,275,502.93
Diplomatic and Consular	11,983,848.94	.....	11,983,848.94
District of Columbia	25,039,044.99	.....	25,039,044.99
Fortification	35,676,533.66	.....	35,676,533.66
Indian	11,989,703.67	.....	11,989,703.67
Legislative, etc	136,452,634.97	762,080.00	137,214,714.97
Naval	679,515,731.47	18,400,000.00	697,915,731.47
Pension	265,190,000.00	310,000.00	265,500,000.00
Post Office	585,406,902.00	.....	585,406,902.00
River and harbor	57,114,915.00	.....	57,114,915.00
Sundry civil	803,446,196.86	3,018,749.00	806,464,945.86
Total, regular acts	3,353,080,398.49	33,530,829.00	3,386,611,227.49
Permanent annual appropriations	1,300,776,360.87	.....	1,300,776,360.87
Total regular and permanents	4,653,856,759.36	33,530,829.00	4,687,387,588.36
DEFICIENCY ACTS.			
First deficiency, fiscal year 1921	.....	560,625,288.24	560,625,288.24
Second deficiency, fiscal year 1921	.....	223,983,845.63	223,983,845.63
Total, deficiency acts	.....	784,609,133.87	784,709,133.87
Grand total	4,653,856,759.36	818,139,962.87	5,471,996,822.23
Deduct estimate for the fiscal year 1922 submitted for the Emergency Fleet Corporation in connection with the second deficiency bill and also submitted originally in connection with the sundry civil bill	.....	.....	134,000,000.00
Grand total of estimates, net	.....	.....	5,337,996,722.23

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Table 10.—RECAPITULATION OF APPROPRIATIONS, 1920–21. (SIXTY-SIXTH CONGRESS, SECOND SESSION.)

Titl of appropriation acts.	Appropriations.	Contracts to be met by future appropriations.	Total.
REGULAR ACTS.			
Agriculture	$31,712,784.00		$31,712,784.00
Army	392,558,365.00		392,558,365.00
Diplomatic and Consular	9,218,537.91		9,218,537.91
District of Columbia [1]	18,373,004.87	$2,266,410.00	20,639,414.87
Fortifications	18,833,442.00	300,000.00	19,133,442.00
Indian	10,020,555.27		10,020,555.27
Legislative, etc	104,749,326.11		104,749,326.11
Military Academy	2,142,212.70		2,142,212.70
Naval	433,279,574.00	5,505,000.00	438,784,574.00
Pension	279,150,000.00		279,150,000.00
Post Office [2]	462,575,190.00		462,575,190.00
River and harbor	12,400,000.00		12,400,000.00
Sundry civil	437,106,806.92		437,106,806.92
Total, regular acts	2,212,119,798.78	8,071,410.00	2,220,191,208.78
DEFICIENCY ACTS.			
Urgent, fiscal year 1920	33,110,000.00		33,110,000.00
Second, fiscal year 1920	88,061,889.63	400,000.00	88,461,889.63
Railroad and urgent, fiscal year 1920	309,717,285.79		309,717,285.79
Third, fiscal year 1920	55,603,208.03		55,603,208.03
Total, deficiency acts	486,492,383.45	400,000.00	486,892,383.45
MISCELLANEOUS ACTS.			
Metropolitan and park police, District of Columbia	339,474.05		339,474.05
International Communication Conference	75,000.00		75,000.00
Retirement of school-teachers, District of Columbia	30,000.00		30,000.00
Fire department, District of Columbia	279,500.00		279,500.00
Transportation act, 1920 [3]	500,050,000.00		500,050,000.00
Relief of certain Army officers	10,000.00		10,000.00
Vocational rehabilitation of persons disabled in industry	871,000.00		871,000.00
Federal water-power act	125,000.00		125,000.00
Relief of New Jersey Shipbuilding & Dredging Co	118,309.16		118,309.16
Miscellaneous private relief acts	55,782.62		55,782.62
Increased compensation to certain Government employees [4]	35,000,000.00		35,000,000.00
Increased compensation, Postal Service, under reclassification act [4]	855,510.00		41,855,510.00
Total, miscellaneous acts	578,809,575.83		578,809,575.83
PERMANENTS AND INDEFINITES.			
Interest on the public debt [4]	1,017,500,000.00		1,017,500,000.00
Sinking fund [4]	287,500,000.00		287,500,000.00
Loans, expenses of [4]	12,456,000.00		12,456,000.00
Customs Service, repayments, etc. [4]	20,200,000.00		20,200,000.00
Indian funds [4]	23,775,000.00		23,775,000.00
Road construction [5]	104,000,000.00		104,000,000.00
Miscellaneous [4]	37,976,752.29		37,976,752.29
Total, permanents and indefinites	1,503,407,752.29		1,503,407,752.29
Grand total [5]	4,780,829,510.35	8,471,410.00	4,789,300,920.35

[1] The amounts for the District of Columbia, after deducting sums for the water service (payable from the water revenues) and sums for playgrounds, street extensions, and minimum wage board (payable wholly from the District revenues), are payable 60 per centum from the revenues of the District of Columbia and 40 per centum from the Treasury of the United States.

[2] The expenses of the Postal Service are payable from the postal revenues to the extent they are sufficient therefor and the remainder is paid out of the Treasury.

[3] This sum is made up as follows: $300,000,000 for new loans to carriers, $200,000,000 on account of Federal control of railroads, and $50,000 for expenses of the Railway Labor Board. No amount is included to cover sums estimated to carry into effect the six months' guaranty to carriers or to pay the losses of "short-line" railroads.

[4] This sum is approximated.

[5] This sum includes $78,000,000 appropriated for the construction of roads for the fiscal year 1921 by the Post Office Appropriation Act approved Feb. 28, 1919.

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Table 11.—RECAPITULATION OF APPROPRIATIONS, 1921-22. (SIXTY-SIXTH CONGRESS, THIRD SESSION, AND SIXTY-SEVENTH CONGRESS, FIRST SESSION.)

Title of acts.	Appropriations.	Contracts to be met by future appropriations.	Total.
REGULAR ACTS.			
Agriculture	$36,404,259.00	.....	$36,404,259.00
Army	328,013,529.80	.....	328,013,529.80
Diplomatic and Consular	9,326,550.79	.....	9,326,550.79
District of Columbia [1]	19,412,412.99	$100,000.00	19,512,412.99
Fortification	8,038,017.00	.....	8,038,017.00
Indian	9,676,554.67	.....	9,761,554.67
Legislative, etc	110,348,018.75	.....	110,348,018.75
Navy	410,673,289.23	.....	410,673,289.23
Pension	265,500,000.00	.....	265,500,000.00
Post Office [2]	574,057,552.00	.....	574,057,552.00
River and harbor	15,250,000.00	.....	15,250,000.00
Sundry civil	384,196,480.41	.....	384,196,480.41
Total, regular acts	2,170,981,664.64	100,000.00	2,171,081,664.64
DEFICIENCY ACTS.			
First deficiency, fiscal year 1921	275,256,508.87	.....	275,256,508.87
Second deficiency, fiscal year 1921	106,355,657.06	400,000.00	106,755,657.06
Urgent deficiency, expenses of first session, Sixty-seventh Congress	409,065.44	.....	409,065.44
Total, deficiency acts	382,021,231.37	400,000.00	382,421,231.37
MISCELLANEOUS ACTS. [3]			
Construction of hospitals, war risk insurance patients	18,600,000.00	.....	18,600,000.00
Valuation of property of carriers, Interstate Commerce Commission, fiscal year 1921	1,000,000.00	.....	1,000,000.00
Claims of officers and enlisted men of the Army for loss of private property lost in the military service	300,000.00	.....	300,000.00
Allotment of lands within the Fort Belknap Indian Reservation, Mont	270,000.00	.....	270,000.00
Budget and accounting act, 1921	225,000.00	.....	225,000.00
Sundry miscellaneous acts	107,952.58	.....	107,952.58
Total, miscellaneous acts [3]	20,502,952.58	.....	20,502,952.58
PERMANENTS AND INDEFINITES.			
Interest on the public debt	922,650,000.00	.....	922,650,000.00
Sinking fund	265,754,864.87	.....	265,754,864.87
Customs Service, repayments, etc	27,000,000.00	.....	27,000,000.00
Philippine and Porto Rican special funds	4,000,000.00	.....	4,000,000.00
National-bank examiners, salaries and expenses	1,700,000.00	.....	1,700,000.00
Federal Board for Vocational Education	5,438,000.00	.....	5,438,000.00
Canals and river and harbor work	7,244,600.00	.....	7,244,600.00
Pay of the Army, deposit fund	2,000,000.00	.....	2,000,000.00
Special and trust funds, Navy Department	13,040,000.00	.....	13,040,000.00
Civil service retirement and disability fund	5,097,000.00	.....	5,097,000.00
Agricultural and mechanical colleges	2,500,000.00	.....	2,500,000.00
Payments to States from receipts under oil-leasing act	3,750,000.00	.....	3,750,000.00
Indian funds and interest on same	23,300,000.00	.....	23,300,000.00
Meat inspection, Bureau of Animal Industry	3,000,000.00	.....	3,000,000.00
Cooperative agricultural extension work	4,080,000.00	.....	4,080,000.00
Construction of roads and trails, national forests	1,000,000.00	.....	1,000,000.00
Payments from national forest funds and cooperative work, Forest Service	3,570,000.00	.....	3,570,000.00
Increased compensation to certain Government employees ($240 bonus) [4]	35,000,000.00	.....	35,000,000.00
Miscellaneous	5,651,896.00	.....	5,651,896.00
Total, permanents and indefinites	1,335,776,360.87	.....	1,335,776,360.87
Grand total	3,909,282,209.46	500,000.00	3,909,782,209.46

[1] The amounts for the District of Columbia, after deducting sums for the water service (payable from the water revenues) and sums for playgrounds, street extensions, minimum-wage board, and community forums of public schools (payable wholly from District revenues), are payable 60 per cent from the revenues of the District of Columbia and 40 per cent from the Treasury of the United States.

[2] The expenses of the Postal Service are payable from the postal revenues to the extent they are sufficient therefor and the remainder is paid out of the Treasury.

[3] Miscellaneous acts for the Sixty-seventh Congress, first session, include those approved prior to July 1, 1921.

[4] This sum is approximated.

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Table 12.—PRINCIPAL ITEMS OF EXPENDITURES. (FROM PAYMASTER GENERAL'S ANNUAL REPORT FOR 1920.)

Amount appropriated by Congress for the fiscal year 1920	$636,383,894.56
Total expenditures during 1920	1,078,099,485.70
Fleet maintenance and operating expense:	
Operation	203,240,480.10
Repairs to ships	25,292,627.47
Alterations	11,297,648.94
Repairs to equipage	2,451,431.59
Total	242,282,188.10
Expenditures for purchase and construction of vessels:	
Battleships, battle cruisers, and scout cruisers	48,707,226.42
Tenders, gunboats, transports, hospital ships, fuel ships, and special type	11,327,797.49
Destroyers	70,875,735.09
Submarines, submarine chasers, and eagle boats	32,147,372.96
Tugs and mine sweepers	7,274,109.79
Miscellaneous	878,517.03
Total (at navy yards $40,268,299.67; under contract and purchase $130,942,459.11)	171,210,758.78
Expenditures for pay and allowance of officers and men:	
Navy	185,582,975.30
Marine Corps	19,184,620.95
Total	204,767,596.25
Cost of subsisting the enlisted men of the Navy and the marines	30,137,671.46
Average cost for subsisting one man for one day	.7055
Cost of maintenance of navy yards	172,379,004.91
Cost of output of industrial yards:	
Labor	123,746,142.11
Material	151,255,593.70
Overhead expense	28,241,732.92
Total	303,243,468.73
Value of new and reclaimed materials received into store	664,079,860.94
Value of materials consumed or otherwise finally expended	600,523,160.97
Property investment of Naval Establishment:	
Ships	1,292,329,530.49
Stations	533,682,736.95
Stores	1,085,468,275.70
Total	2,911,480,543.14
Present value of clothing and small-stores fund:	
Stock	71,999,108.49
Unpaid liabilities	38,828,581.48
Total	33,170,527.01
Total expenditures for the Navy, 1794 to 1920	7,836,814,856.39

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Table 13.—PRINCIPAL ITEMS OF EXPENDITURES. (FROM PAYMASTER GENERAL'S ANNUAL REPORT FOR 1921.)

Amount appropriated by Congress for the fiscal year 1921	$775,203,007.17
Total expenditures during 1921	697,687,633.94
Fleet maintenance and operating expense:	
Operation	178,375,742.22
Repairs to ships	26,675,984.11
Alterations	14,290,905.64
Repairs to equipage	3,108,860.16
Total	222,451,492.13
Expenditures for purchase and construction of vessels:	
Battleships, battle cruisers, and scout cruisers	100,471,866.99
Tenders, gunboats, transports, hospital ships, fuel ships, and special type	9,160,045.99
Destroyers	23,447,781.46
Submarines, submarine chasers, and Eagle boats	20,335,223.18
Tugs and mine sweepers	2,275,190.32
Miscellaneous	206,478.02
Total (at navy yards, $35,064,023.02; under contract and purchase, $120,832,562.94	155,896,585.96
Expenditures for pay and allowance of officers and men:	
Navy	186,579,878.84
Marine Corps	13,601,475.20
Total	200,181,354.04
Cost of subsisting the enlisted men of the Navy and the marines	26,449,124.99
Average cost for subsisting one man for one day	.7022
Cost of maintenance of navy yards	165,849,744.49
Cost of output of industrial yards:	
Labor	64,785,430.90
Material	109,625,216.40
Overhead expense	42,627,272.14
Total	217,037,919.44
Value of new and reclaimed materials received into store	538,773,835.43
Value of materials consumed or otherwise finally expended	565,244,049.19
Property investment of Naval Establishment:	
Ships	1,469,574,578.36
Stations	546,098,289.42
Stores	1,067,135,131.04
Total	3,082,807,998.82
Present value of clothing and small-stores fund:	
Stock	62,282,797.62
Unpaid liabilities	35,485,853.19
Total	26,796,944.43
Total expenditures for the Navy, 1794 to 1921	8,534,502,490.33

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Table 14.—VESSELS AUTHORIZED—1883–1922 (JANUARY 1, 1922) (ALPHABETICAL).

Name.	Type.	Displacement (normal).	Speed on trial.	Mean draft.		Year and Congress authorized.
		Tons.	*Knots.*	*Ft.*	*in.*	
A-1 (formerly Plunger)[1]	Submarine	106	8.73	10	7	1893 (52–2)
A-2 (formerly Adder)[1]	Submarine torpedo boat	106	8.87	10	7	1900 (56–1)
A-3 (formerly Grampus)[1]	do	106	8.45	10	7	1900 (56–1)
A-4 (formerly Moccasin)[1]	do	106	8.41	10	7	1900 (56–1)
A-5 (formerly Pike)[1]	do	106	8.55	10	7	1900 (56–1)
A-6 (formerly Porpoise)[1]	do	106	8.41	10	7	1900 (56–1)
A-7 (formerly Shark)[1]	do	106	8.27	10	7	1900 (56–1)
Abbot	Destroyer	1,213	35	9	3⅜	1917 (64–2)
Alabama	Battleship	11,552	17.01	23	6	1896 (54–1)
Alden	Destroyer	1,215	35	9	4	1917 (65–1)
Algorma	Tug	1,000	13	14	7	1917 (64–2)
Allen	Destroyer	1,071	30	9	2¾	1914 (63–2)
Ammen[2]	Torpedo-boat destroyer	742	30.48	8	4	1909 (60–2)
Amphritrite	Monitor	3,900	10.5	14	6	1886 (49–1)
Annapolis	Gunboat	1,010	13.17	12	0	1895 (53–3)
Anniston (ex Montgomery)	Unprotected cruiser	2,072	19.06	14	6	1888 (50–1)
Anthony	Destroyer	1,185	35	9	1¾	1917 (64–2)
Arizona	Battleship	31,400	21	28	10	1913 (63–1)
Arkansas	do	26,000	21.05	28	6	1909 (60–2)
Asheville	Gunboat	1,575	12	11	4	1916 (64–1)
Atlanta	Protected cruiser	3,000	15.60	16	10	1883 (47–2)
Auk	Mine sweeper	950	14	9	9½	1917 (65–1)
Aulick	Destroyer	1,215	35	9	4	1917 (65–1)
Ausburn, Chas. S	do	1,215	35	9	4	1917 (65–1)
Avocet	Mine sweeper	950	14	9	9½	1917 (64–2)
Aylwin	Destroyer	1,036	29.6	9	5	1911 (61–3)
B-1 (formerly Viper)[1]	Submarine torpedo boat	145	9.18	10	7	1904 (58–2)
B-2 (formerly Cuttlefish)[1]	do	145	9.08	10	7	1904 (58–2)
B-3 (formerly Tarantula)[1]	do	145	9.44	10	7	1904 (58–2)
Babbitt	Destroyer	1,211	35	9	4	1917 (64–2)
Badger	do	1,211	35	9	4	1917 (64–2)
Badger, Geo. E	do	1,215	35	9	4	1917 (65–1)
Bagley (old)	Torpedo boat	175	29.15	4	11	1898 (55–2)
Bagley	Destroyer	1,213	35	9	3⅜	1917 (64–2)
Bagaduce	Tug	1,000	13	14	7	1917 (64–2)
Bailey (old)	Torpedo boat	280	30.20	6	10	1897 (54–2)
Bailey	Destroyer	1,215	35	9	4	1917 (65–1)
Bainbridge (old)	Torpedo-boat destroyer	420	28.45	6	6	1898 (55–2)
Bainbridge	Destroyer	1,215	35	9	4	1917 (65–1)
Balch	Torpedo-boat destroyer	1,036	29.62	9	5	1911 (61–3)
Ballard	Destroyer	1,215	35	9	4	1917 (65–1)
Baltimore	Protected cruiser	4,413	20.10	10	6	1886 (49–1)
Bancroft (old)	Gunboat	839	14.37	12	2	1888 (50–1)
Bancroft	Destroyer	1,215	35	9	4	1917 (65–1)
Barker	do	1,215	35	9	4	1917 (65–1)
Barney (old)	Torpedo boat	175	29.04	4	11	1898 (55–2)
Barney	Destroyer	1,165	35	9	0	1917 (64–2)
Barry (old)	Torpedo-boat destroyer	420	28.13	6	6	1898 (55–2)
Barry	Destroyer	1,215	35	9	4	1917 (65–1)
Beale	Torpedo-boat destroyer	742	29.65	8	4	1910 (61–2)
Belknap	Destroyer	1,215	35	9	4	1917 (65–1)
Bell	do	1,185	34.8	9	1¾	1917 (64–2)
Benham	Torpedo-boat destroyer	1,036	29.59	9	5	1911 (61–3)
Bennington	Gunboat	1,710	17.5	14	0	1887 (49–2)
Bernadou	Destroyer	1,165	35	9	0	1917 (64–2)
Biddle (old)	Torpedo boat	175	28.54	4	11	1898 (55–2)
Biddle	Destroyer	1,165	35	9	0	1917 (64–2)
Billingsley	do	1,215	35	9	4	1917 (65–1)
Birmingham	Scout cruiser	3,750	24.33	16	9	1904 (58–2)
Bittern	Mine sweeper	950	14	9	9½	1917 (64–2)
Blakeley (old)	Torpedo boat	196	25.58	5	11	1898 (55–2)
Blakeley	Destroyer	1,165	35	9	0	1917 (64–2)
Bobolink	Mine sweeper	950	14	9	9½	1917 (64–2)
Boggs[2]	Destroyer	1,154	35	9	0	1917 (64–2)
Borie	do	1,215	35	9	4	1917 (65–1)
Boston	Protected cruiser	3,000	15.60	16	10	1883 (47–2)
Branch	Destroyer	1,215	35	9	4	1917 (65–1)
Brant	Mine sweeper	950	14	9	9½	1917 (64–2)
Brazos	Fuel ship	14,800	14	26	8	1916 (64–1)
Breck	Destroyer	1,215	35	9	4	1917 (61–1)
Breckinridge	do	1,165	35	9	0	1917 (64–2)
Breese	do	1,213	35	9	3⅜	1917 (64–2)
Bridge	Supply ship	8,500	14	20	8	1913 (63–1)
Brooklyn	Armored cruiser	9,215	21.91	24	0	1892 (52–1)
Brooks	Destroyer	1,215	35	9	4	1917 (65–1)
Broome	do	1,215	35	9	4	1917 (65–1)
Bruce	do	1,215	35	9	4	1917 (65–1)

[1] See history submarine-boat legislation.

[2] Built in Government yard.

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Table 14.—VESSELS AUTHORIZED—1883-1922 (JANUARY 1, 1922) (ALPHABETICAL)—Continued.

Name.	Type.	Displacement (normal).	Speed on trial.	Mean draft.		Year and Congress authorized.
		Tons.	*Knots.*	*Ft.*	*in.*	
Buchanan	Destroyer	1,154	35	9	0	1917 (64-2)
Bulmer	do	1,215	35	9	4	1917 (65-1)
Burnes, John Francis	do	1,215	35	9	4	1917 (65-1)
Burns	do	1,185	35	9	1⅜	1917 (64-2)
Burrows	do	742	30.67	8	4	1908 (60-1)
Bush	do	1,185	35	9	1⅜	1917 (64-2)
Bushnell	Submarine tender	3,580	14	15	0	1912 (62-2)
C-1 (formerly Octopus)[1]	Submarine torpedo boat	239	10.99	11	11⅜	1904 (58-2)
C-2 (formerly Stingray)[1]	do	240	11.11	10	10¾	1906 (59-1) 1907 (59-1)
C-3 (formerly Tarpon)[1]	do	240	11.39	10	10¾	1906 (59-1) 1907 (59-2)
C-4 (formerly Bonita)[1]	do	240	10.85	10	10¾	1903 (59-1) 1906 (59-1)
C-5 (formerly Snapper)[1]	do	240	10.79	10	10¾	1907 (59-2) 1907 (59-2)
Cardinal	Mine sweeper	950	14	9	9½	1917 (64-2)
Carrabasset	Tug	1,000	13	14	7	[1] 1917 (64-2)
Cassin [1]	Destroyer	1,020	30.14	9	3	1911 (61-3)
Caldwell [1]	do	1,085	30	8	0	1915 (63-3)
California [1]	Battleship	32,300	21.6	30	3	1915 (63-3)
Case	Destroyer	1,215	35	9	4	1917 (65-1)
Castine	Gunboat	1,177	16.03	12	0	1889 (50-2)
Champlin	Destroyer	1,185	35	9	1⅜	1917 (64-2)
Chandler	do	1,215	35	9	4	1917 (65-1)
Charleston (destroyed)	Protected cruiser	3,730	18.2	18	7	1885 (48-2)
Charleston	do	9,700	22.4	22	6	1900 (56-1)
Chase	Destroyer	1,215	35	9	4	1917 (65-1)
Chattanooga	do	3,200	15.65	15	9	1899 (55-3)
Chauncey (destroyed)	do	420	28.64	6	6	1898 (55-2)
Chauncey	do	1,215	35	9	4	1917 (65-1)
Chester	Scout cruiser	3,750	26.52	16	9	1904 (58-2)
Chew	Destroyer	1,185	35	9	1⅜	1917 (64-2)
Chewink	Mine sweeper	950	14	9	9½	1917 (65-1)
Cheyenne (formerly Wyoming)	Monitor	3,225	11.8	12	6	1898 (55-2)
Chicago	Protected cruiser	4,500	18	19	0	1883 (47-2)
Childs	Destroyer	1,215	35	9	4	1917 (65-1)
Cincinnati (old) [1]	Protected crusier	3,183	19.91	18	0	1888 (50-1)
Cincinnati	Scout Cruiser	7,500	33.7	14	3	1916 (64-1)
Claxton [1]	Destroyer	1,154	35	9	0	1917 (64-2)
Clemson	do	1,215	35	9	4	1917 (65-1)
Cleveland	Protected cruiser	3,200	16.45	15	9	1899 (55-3)
Coast B. S. No. 1 (formerly Indiana)	Battleship	10,288	15.55	24	0	1890 (51-1)
Coast B. S. No. 2 (formerly Massachusetts).	do	10,288	16.21	24	0	1890 (51-1)
Coast B. S. No. 4 (formerly Iowa)	do	11,348	17.09	24	0	1892 (52-1)
Coghlan	Destroyer	1,215	35	9	4	1917 (65-1)
Cole	do	1,165	35	9	0	1917 (64-2)
Colhoun	do	1,185	34.7	9	1⅜	1916 (64-1)
Colorado	Battleship	32,600	21	30	6½	1916 (64-1)
Columbia	Protected cruiser	7,350	22.8	22	6	1890 (51-1)
Concord	Gunboat	1,710	16.8	14	0	1887 (49-2)
Concord	Scout Cruiser	7,500	33.7	14	3	1916 (64-1)
Condor	Mine sweeper	950	14	9	9½	1917 (64-2)
Connecticut [1]	Battleship	16,000	18.78	24	6	1902 (57-1)
Conner	Destroyer	1,121	30	8	0	1915 (63-3)
Constellation	Battle cruiser	35,300	35	31	3½	1916 (64-1)
Constitution	do	35,300	35	31	3½	1916 (64-1)
Contocook	Tug	1,000	13	14	7	1917 (64-2)
Conyngham	Destroyer	1,090	29.5	9	4½	1913 (63-1)
Converse	do	1,215	35	9	4	1917 (65-1)
Cormorant	Mine sweeper	950	14	9	9½	1917 (65-1)
Corry	Destroyer	1,215	.....	9	4	1917 (65-1)
Cowell	do	1,185	35	9	1⅜	1917 (64-2)
Crane	do	1,185	35	9	1⅜	1917 (64-2)
Craven (old)	Torpedo boat	146	30	4	7	1896 (54-1)
Craven [1]	Destroyer	1,123	30	8	0	1915 (63-3)
Crosby	do	1,185	35	9	1⅜	1917 (64-2)
Crowninshield	do	1,154	35	9	0	1917 (64-2)
C. T. B. 1 (ex Foote)	Torpedo boat	142	24.5	5	0	1894 (53-2)
C. T. B. 2 (ex Rodgers)	do	142	24.4	5	0	1894 (53-2)
C. T. B. 3 (ex Du Pont)	do	165	28.5	4	8	1895 (53-3)
C. T. B. 4 (ex Dahlgren)	do	146	30	4	7	1896 (54-1)
C. T. B. 5 (ex Farragut)	do	279	30.1	6	0	1896 (54-1)
C. T. B. 6 (ex Morris)	do	915	24	4	1	1896 (54-1)
C. T. B. 7 (ex Goldsborough)	do	255	27.4	6	10	1897 (52-2)

[1] Built in a Government yard. [2] See history submarine-boat legislation.

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Table 14.—VESSELS AUTHORIZED—1883-1922 (JANUARY 1, 1922) (ALPHABETICAL)—Continued.

Name.	Type.	Displacement (normal).	Speed on trial.	Mean draft.		Year and Congress authorized.
		Tons.	*Knots.*	*Ft.*	*in.*	
C. T. B. 8 (ex Bailey)	Torpedo-boat	280	20.3	6	10	1897 (54-2)
C. T. B. 9 (ex Somers)	do	150	15	5	10	
C. T. B. 10 (ex Bagley)	do	175	29	4	11	1898 (55-2)
C. T. B. 11 (ex Barney)	do	175	29	4	11	1898 (55-2)
C. T. B. 12 (ex Biddle)	do	175	28.5	4	11	1898 (55-2)
C. T. B. 13 (ex Blakely)	do	196	25.5	5	11	1898 (55-2)
C. T. B. 14 (ex De Long)	do	196	25.5	5	11	1898 (55-2)
C. T. B. 15 (ex Shubrick)	do	200	26	5	2	1898 (55-2)
C. T. B. 16 (ex Thornton)	do	200	24.8	5	2	1898 (55-2)
C. T. B. 17 (ex Tingey)	do	165	24.9	4	8	1898 (55-2)
Cumberland	Training ship	1,800	.....	16	5	1903 (57-2)
Cummings	Destroyer	1,020	30.57	9	3	1911 (61-3)
Curlew	Mine sweeper	950	14	9	9½	1917 (64-2)
Cushing (old)	Torpedo boat	105	22.5	4	10	1886 (49-1)
Cushing	Destroyer	1,050	29	9	6	1912 (62-2)
Cuyama	Fuel ship	14,500	14	26	2	1915 (63-3)
Cyclops (lost)	Collier	19,360	14.61	27	8	1908 (60-1)
D-1 (formerly Narwhal)[2]	Submarine torpedo boat	288	13.8	11	8	1906 (59-1) 1907 (59-2)
D-2 (formerly Grayling)[2]	do	288	13.29	11	8	1906 (59-1) 1907 (59-2)
D-3 (formerly Salmon)[2]	do	288	13.24	11	8	1906 (59-1) 1907 (59-2)
Dahlgren (old)	Torpedo boat	146	30	4	7	1896 (54-1)
Dahlgren	Destroyer	1,215	35	9	4	1917 (65-1)
Dale (old)	Torpedo-boat destroyer	420	28	6	6	1898 (55-2)
Dale	Destroyer	1,215	35	9	4	1917 (65-1)
Dallas	do	1,215	35	9	4	1917 (65-1)
Davis (old)	Torpedo boat	154	23.41	5	10	1896 (54-1)
Davis	Destroyer	1,071	30.36	9	2¾	1914 (63-2)
Decatur (old)	Torpedo-boat destroyer	420	28.10	6	6	1898 (55-2)
Decatur	Destroyer	1,215	.....	9	4	1917 (65-1)
Delaware	Battleship	20,000	21.56	26	11	1906 (59-1)
De Long (old)	Torpedo boat	196	25.52	5	11	1898 (55-2)
De Long	Destroyer	1,211	35	9	4	1917 (64-2)
Delphy	do	1,215	35	9	4	1917 (65-1)
Dent	do	1,165	35	9	0	1917 (64-2)
Denver	Protected cruiser	3,200	16.75	15	9	1899 (55-3)
Des Moines	do	3,200	16.65	15	9	1899 (55-3)
Destroyers Nos. 348 to 359, inclusive	Destroyers	14,580	35	9	4	1916 (64-1)
Detroit (old)	Unprotected cruiser	2,072	18.71	14	6	1888 (50-1)
Detroit	Scout cruiser	7,500	33.7	14	3	1916 (64-1)
Dickerson	Destroyer	1,211	35.13	9	4	1917 (64-2)
Dobbin	Destroyer tender	10,600	14	21	0½	1916 (64-1)
Dolphin	Dispatch boat	1,486	15.5	14	3	1883 (47-2)
Dorsey	Destroyer	1,155	35	9	0	1917 (64-2)
Downes	do	1,072	29.07	9	7	1911 (61-3)
Doyen	do	1,215	35.0	9	4	1917 (65-1)
Drayton[1]	do	742	30.83	8	4	1908 (60-1)
Dubuque	Gunboat	1,085	12.9	12	3	1902 (57-1)
Duncan	Destroyer	1,014	29.14	9	3	1911 (61-3)
Du Pont (old)	Torpedo boat	165	28.58	4	8	1895 (53-3)
Dupont	Destroyer	1,165	35	9	0	1917 (64-2)
Dyer	do	1,185	34.8	9	1¾	1916 (64-1)
E-1 (formerly Skipjack)[2]	Submarine torpedo boat	287	13.44	11	8	1908 (60-1)
E-2 (formerly Sturgeon)[2]	do	287	13.47	11	8	1908 (60-1)
Eagles 1 to 112[3]	Patrol vessels	55,500	18	6	11¾	1917 (65-1)
Edsall	Destroyer	1,215	35.0	9	4	1917 (65-1)
Edwards	do	1,215	35	9	4	1917 (65-1)
Edwards, John D	do	1,215	35.0	9	4	1917 (65-1)
Eider	Mine sweeper	950	14	9	9½	1917 (64-2)
Elliot	Destroyer	1,165	35	9	0	1917 (64-2)
Ellis	do	1,165	35	9	0	1917 (64-2)
Ericsson	do	1,090	29.29	9	9	1912 (62-2)
Ericsson (old)	Torpedo boat	120	24	4	9	1890 (51-1)
Evans	Destroyer	1,154	35	9	0	1916 (64-1)
F-1 (formerly Carp)[2] (lost)	Submarine torpedo boat	330	13.81	12	2	1908 (60-1)
F-2 (formerly Barracuda)[2] (lost)	do	330	14.04	12	2	1908 (60-1)
F-3 (formerly Pickerel)[1] (lost)	do	330	14	12	2	1908 (60-1)
F-4 (formerly Skate)[2] (lost)	do	330	13.92	12	2	1908 (60-1)
Fairfax[1]	Destroyer	1,154	35	9	0	1916 (64-1)
Falcon	Mine sweeper	950	14	9	9½	1917 (64-2)
Fanning	Torpedo,boat destroyer	742	29.99	8	4	1910 (61-2)
Farenholt	Destroyer	1,215	.....	9	4	1917 (65-1)
Farquhar	do	1,215	35	9	4	1917 (65-1)
Farragut (old)	Torpedo boat	279	30.13	6	10	1896 (54-1)

[1] Built in Government yard. [2] See history submarine boat legislation.
[3] Only 60 of these vessels were built.

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Table 14.—VESSELS AUTHORIZED—1883–1922 (JANUARY 1, 1922) (ALPHABETICAL)—Continued.

Name.	Type.	Displacement (normal).	Speed on trial.	Mean draft.		Year and Congress authorized.
		Tons.	*Knots.*	*Ft.*	*in.*	
Farragut	Destroyer	1,215	35	9	4	1917 (65-1)
Finch	Mine sweeper	950	14	9	9½	1917 (64-2)
Flamingo	do	950	14	9	9½	1917 (64-2)
Florida[1]	Battleship	21,825	20.75	28	6	1908 (60-1)
Flusser (old)	Torpedo-boat destroyer	700	30.41	8	0	1907 (59-2)
Flusser	Destroyer	1,215	35.0	9	4	1917 (65-1)
Foote (old)	Torpedo boat	142	24.53	5	0	1894 (53-2)
Foote	Destroyer	1,185	35	9	1¾	1917 (64-2)
Ford	Destroyer	1,215	.....	9	4	1917 (65-1)
Fox (old)	Torpedo boat	154	23.13	5	10	1896 (54-1)
Fox	Destroyer	1,215	35.0	9	4	1917 (65-1)
Frederick (formerly Maryland)	Armored cruiser	13,680	22.41	24	1	1900 (56-1)
Fuller	Destroyer	1,215	35	9	4	1917 (65-1)
Fulton (formerly Niagara)	Submarine tender	1,408	12.25	13	0	1911 (61-3)
G-1 (formerly Seal)[1]	Submarine torpedo boat	400	14.07	12	6	1906 (59-1) 1907 (59-2)
G-2 (formerly Tuna)[1]	do	375	14.5	.....		1908 (60-1)
G-3 (formerly Turbot)[1]	do	393	14	12	10	1910 (60-2)
G-4 (formerly Thrasher)[1]	do	370	14	.....		1908 (60-1)
Galveston[2]	Protected cruiser	3,200	16.41	15	9	1899 (55-3)
Gamble	Destroyer	1,213	35	9	3⅝	1917 (64-2)
Gannet	Mine sweeper	950	14	9	9½	1917 (65-1)
Georgia	Battleship	14,948	19.26	13	9	1899 (55-3)
Gillis	Destroyer	1,215	34.55	9	4	1917 (65-1)
Gilmer	do	1,215	35.0	9	4	1917 (65-1)
Goff	do	1,215	.....	9	4	1917 (65-1)
Goldsborough (old)	Torpedo boat	255	27.4	6	10	1897 (54-2)
Goldsborough	Destroyer	1,215	35	9	4	1917 (65-1)
Goshawk	Mine sweeper	950	14	9	9½	1917 (65-1)
Graham	Destroyer	1,215	35	9	4	1917 (65-1)
Grebe	Mine sweeper	950	14	9	9½	1917 (65-1)
Greene	Destroyer	1,215	35	9	4	1917 (65-1)
Greer	do	1,165	35	9	0	1917 (64-2)
Gregory	do	1,185	34.8	9	1¾	1916 (64-1)
Gridley	do	1,185	35	9	1¾	1916 (64-1)
Gwin	do	1,123	30	8	0	1915 (63-3)
Gwin (old)	Torpedo boat	46	20.88	3	3	1896 (54-1)
H-1 (formerly Seawolf)[1]	Submarine torpedo boat	358	14.04	12	5	1910 (60-2)
H-2 (formerly Nautilus)[1]	do	358	14.11	12	5	1909 (60-2)
H-3 (formerly Garfish)[1]	do	358	14.18	12	5	1910 (60-2)
H-4[1]	Submarine	357	12.75	12	4⅝	1917 (65-1)
H-5[1]	do	357	12.75	12	4⅝	1917 (65-1)
H-6[1]	do	357	12.75	12	4⅝	1917 (65-1)
H-7[1]	do	357	12.75	12	4⅝	1917 (65-1)
H-8[1]	do	357	12.75	12	4⅝	1917 (65-1)
H-9[1]	do	357	12.75	12	4⅝	1917 (65-1)
Hale	Destroyer	1,154	35.0	9	0	1917 (64-2)
Hamilton[1]	do	1,154	35	9	0	1917 (64-2)
Hamilton, Paul	do	1,215	35.0	9	4	1917 (65-1)
Haraden	do	1,213	35	9	3⅝	1917 (64-2)
Harding	do	1,185	35	9	1¾	1916 (64-1)
Hart	do	1,185	35	9	1¾	1917 (64-2)
Hatfield	do	1,215	35	9	4	1917 (65-1)
Hazelwood	do	1,185	35	9	1¾	1917 (64-2)
Hector (lost)	Collier	11,230	12.87	24	8	1908 (60-1)
Helena	Gunboat	1,392	15.5	9	0	1893 (52-2)
Henderson	Transport	10,000	14	19	10½	1913 (63-1)
Henley	Torpedo-boat destroyer	742	30.32	8	4	1910 (61-2)
Henshaw	Destroyer	1,215	34.75	9	4	1917 (65-1)
Herbert	do	1,211	35	9	4	1917 (64-2)
Herndon	do	1,215	35	9	4	1917 (65-1)
Heron	Mine sweeper	950	14	9	9½	1917 (64-2)
Heywood	Transport	10,300	14	19	6½	1916 (64-1)
Hogan	Destroyer	1,185	35	9	1¾	1917 (64-2)
Holland	Submarine tender	10,600	14	21	½	1916 (64-1)
Holland[2 3]	Submarine torpedo boat	75	.....	10	3	.....
Hopkins (old)	Torpedo-boat destroyer	408	29.02	6	0	1898 (55-2)
Hopkins	Destroyer	1,215	.....	9	4	1917 (65-1)
Hopewell	do	1,213	35	9	3⅝	1917 (64-2)
Hovey	do	1,215	35.13	9	4	1917 (65-1)
Howard	do	1,185	35	9	1¾	1917 (64-2)
Hulbert	do	1,215	35	9	4	1917 (65-1)
Hull (old)	Torpedo-boat destroyer	408	28.04	6	0	1898 (55-2)
Hull	Destroyer	1,215	.....	9	4	1917 (65-1)

[1] Built in Government yard.
[2] Purchased under act Mar. 3, 1899, amending act June 10, 1896.
[3] See history submarine-boat legislation.

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Table 14.—VESSELS AUTHORIZED—1883–1922 (JANUARY 1, 1922) (ALPHABETICAL)—Continued.

Name.	Type.	Displacement (normal).	Speed on trial.	Mean draft.		Year and Congress authorized.
		Tons.	*Knots.*	*Ft.*	*in.*	
Humphrey	Destroyer	1,215	35	9	4	1917 (65–1)
Hunt	....do	1,215	35	9	4	1917 (65–1)
Huntington (formerly West Virginia).	Armored cruiser	13,680	22.15	24	1	1899 (55–3)
Idaho	Battleship	32,000	21	30	0	1914 (63–2)
Idaho (sold)	....do	13,000	17.12	24	8	1903 (57–2)
Illinois	....do	11,552	17.45	23	6	1896 (54–1)
Indiana	....do	43,200	23	3	0	1916 (64–1)
Ingraham	Destroyer	1,185	35	9	1¾	1917 (64–2)
Ingram, Osmond	....do	1,215	35	9	4	1917 (65–1)
Intrepid [1]	Trainingship	1,800	.....	16	5	1903 (57–2)
Iowa	Battleship	43,200	23	33	0	1916 (64–1)
Isherwood	Destroyer	1,215	35	9	4	1917 (65–1)
Israel	....do	1,185	34.3	9	1¾	1917 (64–2)
Iuka	Tug	1,000	13	14	7	1917 (64–2)
Iwana	....do	192	11.58	8	0	1889 (50–2)
James, Reuben	Destroyer	1,215	35	9	4	1917 (65–1)
Jarvis	Torpedo-boat destroyer	742	30.01	8	4	1910 (61–2)
Jason	Fuel ship	19,132	14.32	27	8	1911 (61–3)
Jenkins	Destroyer	742	31.27	8	4	1910 (61–2)
Jones, Jacob (lost)	....do	1,150	29.57	9	8½	1913 (63–1)
Jones, Jacob	....do	1,211	35	9	4	1917 (64–2)
Jones, William	....do	1,215	35	9	4	1917 (65–1)
Jouett	....do	742	32.27	8	4	1910 (61–2)
Jupiter [1]	Fuel ship	19,360	14.99	27	8	{1908–(60–1) {1910 (61–2)
K–1 (formerly Haddock) [2]	Submarine torpedo boat	392	14.1	13	1	1910 (61–2)
K–2 (formerly Cachalot) [2]	....do	392	14.1	13	1	1910 (61–2)
K–3 (formerly Orca) [2]	....do	392	14.1	13	1	1910 (61–2)
K–4 (formerly Walrus) [2]	....do	392	14.1	13	1	1910 (61–2)
K–5 (formerly No. 36) [2]	....do	392	14.1	13	1	1911 (61–3)
K–6 (formerly No. 37) [2]	....do	392	14.1	13	1	1911 (61–3)
K–7 (formerly No. 38) [2]	....do	392	14.1	13	1	1911 (61–3)
K–8 (formerly No. 39) [2]	....do	392	14.1	13	1	1911 (61–3)
Kalk	Destroyer	1,215	35	9	4	1917 (65–1)
Ktlmia	Tug	1,000	13	14	7	1917 (64–2)
Kanawha [1]	Fuel ship	14,500	14	26	2	1912 (62–2)
Kane	Destroyer	1,215	35	9	4	1917 (65–1)
Kansas	Battleship	16,000	18.09	24	6	1903 (57–2)
Katahdin	Ram	2,183	16.11	15	0	1889 (50–2)
Kearsarge	Battleship	11,520	16.82	23	6	1895 (53–3)
Kearsarge [3]	Crane ship	.....	.....	.....	.....	1920 (66–2)
Kennedy	Destroyer	1,215	35	9	4	1917 (65–1)
Kennison [1]	....do	1,154	35	9	0	1917 (64–2)
Kentucky	Battleship	11,520	16.9	23	6	1895 (53–3)
Keosanqua	Tug	1,000	13	14	7	1917 (64–2)
Kewaydin	....do	1,000	13	14	7	1917 (64–2)
Kidder	Destroyer	1,215	35	9	4	1917 (65–1)
Kilty [1]	....do	1,154	35	9	0	1917 (64–2)
Kimberly	....do	1,185	34.8	9	1¾	1916 (64–1)
King	....do	1,215	35	9	4	1917 (65–1)
Kingfisher [1]	Mine sweeper	950	14	9	9⅝	1917 (64–2)
L–1 [2]	Submarine	450	14	13	7	1912 (62–2)
L–2 [2]	....do	450	14	13	7	1912 (62–2)
L–3 [2]	....do	450	14	13	7	1912 (62–2)
L–4 [2]	....do	450	14	13	7	1912 (62–2)
L–5 [2]	....do	451	14	13	3	1912 (62–2)
L–6 [2]	....do	451	14	13	3	1912 (62–2)
L–7 [2]	....do	451	14	13	3	1912 (62–2)
L–8 [2]	....do	451	14	13	3	1913 (63–1)
L–9 [2]	....do	450	14	13	7	1913 (63–1)
L–10 [2]	....do	450	14	13	7	1913 (63–1)
L–11 [2]	....do	450	14	13	7	1913 (63–1)
Lamberton	Destroyer	1,213	35	9	3⅝	1917 (64–2)
Lamson (old)	Torpedo-boat destroyer	700	28.61	8	0	1906 (59–1)
Lamson	Destroyer	1,215	35	9	4	1917 (65–1)
Langley [4]	Aircraft carrier	.....	.....	.....	.....	1919 (66–1)
Lansdale	Destroyer	1,185	35	9	1¾	1917 (64–2)
Lapwing	Mine sweeper	950	14	9	9½	1917 (64–2)
Lardner	Destroyer	1,215	35	9	4	1917 (65–1)
Lark	Mine sweeper	950	14	9	9½	1917 (64–2)
Laub	Destroyer	1,215	35	9	4	1917 (65–1)
La Vallette	....do	1,215	35	9	4	1917 (65–1)

[1] Built in Government yard.
[2] See history submarine-boat legislation.
[3] Formerly U. S. S. Jupiter; conversion authorized.
[4] Formerly battleship; conversion authorized.

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Table 14.—VESSELS AUTHORIZED—1883–1922 (JANUARY 1, 1922) (ALPHABETICAL)—Continued.

Name.	Type.	Displacement (normal).	Speed on trial.	Mean draft.		Year and Congress authorized.
		Tons.	*Knots.*	*Ft.*	*in.*	
Lawrence (old)	Destroyer	400	28.41	6	2	1898 (55-2)
Lawrence	do	1,215	.....	9	4	1917 (65-1)
Lea	do	1,165	35	9	0	1917 (64-2)
Leary	do	1,211	35	9	4	1917 (64-2)
Lexington	Battle cruiser	35,300	35	31	3½	1916 (64-1)
Litchfield	Destroyer	1,215	35	9	4	1917 (65-1)
Little	do	1,185	35	9	1¾	1916 (64-1)
Long	do	1,215	35	9	4	1917 (65-1)
Louisiana	Battleship	16,000	18.82	24	6	1902 (57-1)
Luce	Destroyer	1,185	34.8	9	1¾	1917 (64-2)
Ludlow	do	1,185	35	9	1¾	1917 (64-2)
M-1 [1]	Submarine	488	14	11	0	1912 (62-2)
Macdonough (old)	Torpedo-boat destroyer	400	28.03	6	2	1898 (55-2)
Macdonough	Destroyer	1,215	.....	9	4	1917 (65-1)
Machias	Gunboat	1,177	15.46	12	0	1889 (50-2)
MacKenzie	Destroyer	1,185	35	9	1¾	1917 (64-2)
MacKenzie (old)	Torpedo boat	65	20.11	4	3	1896 (54-1)
Maddox	Destroyer	1,185	35	9	1¾	1917 (64-2)
Mahan	do	1,185	35	9	1¾	1917 (64-2)
Mahopac	Tug	1,000	13	14	7	1917 (64-2)
Maine	Battleship	12,500	18	23	10	1898 (55-2)
Maine (destroyed) [2]	Second-class battleship	6,682	17.45	21	6	1886 (49-1)
Mallard	Mine sweeper	950	14	9	9½	1917 (65-1)
Manley	Destroyer	1,085	30	8	0	1915 (63-3)
Marblehead (old)	Unprotected cruiser	2,072	18.44	14	6	1888 (50-1)
Marblehead	Scout cruiser	7,500	33.7	14	3	1916 (64-1)
Marcus	Destroyer	1,215	35	9	4	1917 (65-1)
Marietta	Gunboat	990	13.02	12	0	1895 (53-3)
Mars	Collier	11,230	12.65	24	8	1908 (60-1)
Maryland	Battleship	32,600	21	30	6½	1916 (64-1)
Mason	Destroyer	1,215	35	9	4	1917 (65-1)
Massachusetts	Battleship	43,200	23	33	0	1916 (64-1)
Maumee [2]	Fuel ship	14,500	14	26	2	1912 (62-2)
Maury	Destroyer	1,185	34.6	9	1¾	1917 (64-2)
Mayrant	Torpedo-boat destroyer	742	30.22	8	4	1908 (60-1)
McCall	do	742	30.66	8	4	1908 (60-1)
McCalla	Destroyer	1,215	35	9	4	1917 (65-1)
McCawley	do	1,215	34.56	9	4	1917 (65-1)
McCook	do	1,215	35	9	4	1917 (65-1)
McDermut	do	1,215	35	9	4	1917 (65-1)
McDougal	Torpedo-boat destroyer	1,020	30.70	9	3	1912 (62-2)
McFarland	Destroyer	1,215	35	9	4	1917 (65-1)
McKean	do	1,185	35	9	1¾	1916 (64-1)
McKee (old)	Torpedo boat	65	10.82	4	3	1896 (54-1)
McKee	Destroyer	1,185	35	9	1¾	1916 (64-1)
McLanahan	do	1,215	35	9	4	1917 (65-1)
MacLeish	do	1,215	34.65	9	4	1917 (65-1)
Meade	do	1,215	35	9	4	1917 (65-1)
Medusa	Repair ship	10,000	16	18	11¾	1916 (64-1)
Melville	Destroyer tender	7,150	15	20	0	1912 (62-2)
Melvin	Destroyer	1,215	.....	9	4	1917 (65-1)
Memphis (lost)	Armored cruiser	14,500	22.16	25	0	1902 (57-1)
Memphis	Scout cruiser	7,500	33.7	14	3	1916 (64-1)
Meredith	Destroyer	1,185	35	9	1¾	1917 (64-2)
Meyer	do	1,215	35	9	4	1917 (65-1)
Mervine	do	1,215	35	9	4	1917 (65-1)
Miantonamah	Monitor	3,990	10.5	14	6	1887 (49-2)
Milwaukee	Scout cruiser	7,500	33.7	14	3	1916 (64-1)
Michigan	Battleship	16,000	18.79	24	6	1905 (58-3)
Milwaukee (old)	Protected cruiser	9,700	22.22	22	6	1900 (56-1)
Minneapolis (old)	do	7,350	23.07	22	6	1891 (51-2)
Minnesota	Battleship	16,000	18.85	24	6	1903 (57-2)
Mississippi (old)	do	13,000	17.11	24	8	1903 (57-2)
Mississippi	do	32,000	21	30	0	1914 (63-2)
Missouri	do	12,500	18.15	23	11	1898 (55-2)
Monadnock	Monitor	3,990	11.63	14	6	1886 (49-1)
Monaghan [1]	Torpedo-boat destroyer	742	30.45	8	4	1909 (60-2)
Monocacy	River gunboat	190	13.25	2	5	1911 (61-3)
Montana (old) (now Missoula)	Armored cruiser	14,500	22.26	25	0	1904 (58-2)
Montana	Battleship	43,200	23	33	0	1916 (64-1)
Montcalm	Tug	1,000	13	14	7	1917 (64-2)
Monterey	Monitor	4,084	13.6	14	10	1887 (49-2)
Montgomery	Destroyer	1,213	35	9	3⅝	1917 (64-2)
Moody	do	1,215	34.73	9	4	1917 (65-1)
Morris (old)	Torpedo boat	105	24	4	1	1896 (54-1)
Morris	Destroyer	1,215	35	9	4	1917 (65-1)
Mugford	do	1,185	35	9	1¾	1917 (64-2)

[1] See history of submarine-boat legislation.

[2] Built in a Government yard.

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Table 14.—VESSELS AUTHORIZED—1883–1922 (JANUARY 1, 1922) (ALPHABETICAL)—Continued.

Name.	Type.	Displacement (normal).	Speed on trial.	Mean draft.		Year and Congress authorized.
		Tons.	*Knots.*	*Ft.*	*in.*	
Mullany	Destroyer	1,215	35	9	4	1917 (65-1)
Murray	do	1,185	34.8	9	1¾	1917 (64-2)
N-1[1]	Submarine	347	13	12	5⅜	1914 (63-2)
N-2[1]	do	347	13	12	5⅜	1914 (63-2)
N-3[1]	do	347	13	12	5⅜	1914 (63-2)
N-4[1]	do	331	13	12	4	1914 (63-2)
N-5[1]	do	331	13	12	4	1914 (63-2)
N-6[1]	do	331	13	12	4	1914 (63-2)
N-7[1]	do	331	13	12	4	1914 (63-2)
Napa	Tug	1,000	13	14	7	1917 (64-2)
Narkeeta	do	192	11.5	8	0	1889 (50-2)
Nashville	Gunboat	1,371	16.3	11	0	1893 (52-2)
Nebraska	Battleship	14,948	19.06	23	9	1899 (55-3)
Neches	Fuel ship	14,800	.....	26	8	1916 (64-1)
Neptune	do	19,375	12.93	27	7	1909 (60-2)
Nereus	do	19,000	14.58	27	8	1910 (61-2)
Nevada	Battleship	27,500	20.5	28	6	1911 (61-3)
Newark	Protected cruiser	4,083	19	18	9	1885 (48-2)
New Hampshire	Battleship	16,000	18.16	24	6	1904 (58-2)
New Jersey	do	14,948	19.18	23	9	1900 (56-1)
New Mexico	do	32,000	21	30	0	1914 (63-2)
Newport	Gunboat	1,010	12.29	12	0	1895 (53-3)
New York	Battleship	27,000	21.47	28	6	1910 (61-2)
Nicholas	Destroyer	1,215	35	9	4	1917 (65-1)
Nicholson	do	1,050	29.08	9	6	1912 (62-2)
Nicholson (old)	Torpedo boat	218	25.74	6	5	1898 (55-2)
Nitro	Ammunition ship	10,600	16	20	11	1916 (64-1)
Noa	Destroyer	1,215	35	9	4	1917 (65-1)
North Carolina	Battleship	43,200	23	33	0	1916 (64-1)
North Carolina (old) (now Tallahassee).	Armored cruiser	14,500	22.48	25	0	1904 (58-2)
North Dakota	Battleship	20,000	21.01	26	11	1907 (59-2)
O-1[1 2]	Submarine	520	14	14	5	1915 (63-3)
O-2[1 2]	do	520	14	14	5	1915 (63-3)
O-3[1]	do	520	14	14	5	1915 (63-3)
O-4[1]	do	520	14	14	5	1915 (63-3)
O-5[1]	do	520	14	14	5	1915 (63-3)
O-6[1]	do	520	14	14	5	1915 (63-3)
O-7[1]	do	520	14	14	5	1915 (63-3)
O-8[1]	do	520	14	14	5	1915 (63-3)
O-9[1]	do	520	14	14	5	1915 (63-3)
O-10[1]	do	520	14	14	5	1915 (63-3)
O-11[1]	do	485	14	13	10¼	1915 (63-3)
O-12[1]	do	485	14	13	10¼	1915 (63-3)
O-13[1]	do	485	14	13	10¼	1915 (63-3)
O-14[1]	do	485	14	13	10¼	1915 (63-3)
O-15[1]	do	485	14	13	10¼	1915 (63-3)
O-16[1]	do	485	14	13	10¼	1915 (63-3)
O'Bannon	Destroyer	1,185	35	9	1¾	1917 (64-2)
O'Brien	do	1,050	29.17	9	6	1912 (62-2)
O'Brien (old)	Torpedo boat	220	25	6	6	1898 (55-2)
Ohio	Battleship	12,500	17.82	23	7	1898 (55-2)
Oklahoma	do	27,500	20.5	28	6	1911 (61-3)
Olympia	Protected cruiser	5,865	21.69	21	6	1888 (50-1)
Omaha	Scout cruiser	7,500	33.7	14	3	1916 (64-1)
Ontario	Tug	1,120	13.23	12	6	1911 (61-3)
Oregon	Battleship	10,288	16.79	24	0	1890 (50-1)
Oriole	Mine sweeper	950	14	9	9½	1917 (64-2)
Orion	Fuel ship	19,132	14.47	27	8	1911 (61-3)
Ortolan	Mine sweeper	950	14	9	9½	1917 (65-1)
Osborne	Destroyer	1,215	35	9	4	1917 (65-1)
Osprey	Mine sweeper	950	14	9	9½	1917 (64-2)
Overton	Destroyer	1,215	35	9	4	1917 (65-1)
Owl	Mine sweeper	950	14	9	9½	1917 (64-2)
Ozark (formerly Arkansas)	Monitor	3,225	12.03	12	6	1898 (55-2)
Paducah	Gunboat	1,085	12.85	12	3	1902 (57-1)
Palmer	Destroyer	1,185	35	9	1¾	1917 (64-2)
Palos[2]	River gunboat	190	13.25	2	5	1898 (55-2)
Parker	Destroyer	1,036	29.55	9	5	1911 (61-3)
Parrott	do	1,215	35	9	4	1917 (65-1)
Partridge	Mine sweeper	950	14	9	9½	1917 (64-2)
Patapsco[2]	Tug	755	13	12	3	1904 (58-2)
Patterson	Torpedo-boat destroyer	742	29.69	8	4	1909 (60-2)
Patuxent[2]	Tug	755	13	12	3	1904 (58-2)
Paulding	Torpedo-boat destroyer	742	32.80	8	4	1908 (60-1)
Paulding, James K	Destroyer	1,215	35	9	4	1917 (65-1)
Paul Jones (old)	do	420	28.91	6	6	1898 (55-2)

[1] See history of submarine-boat legislation.

[2] Built in a Government yard.

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Table 14.—VESSELS AUTHORIZED—1883–1922 (JANUARY 1, 1922) (ALPHABETICAL)—Continued.

Name.	Type.	Displacement (normal).	Speed on trial.	Mean draft.		Year and Congress authorized.
		Tons.	*Knots.*	*Ft.*	*in.*	
Paul Jones	Destroyer	1,215	35.14	9	4	1917 (65-1)
Pawtucket [1]	Tug	225	12.2	8	9	1897 (54-1)
Peacock	Mine sweeper	950	14	9	9½	1917 (65-1)
Peary	Destroyer	1,215	35.06	9	4	1917 (65-1)
Pecos	Fuel ship	14,800	14	26	8	1916 (64-1)
Pelican	Minesweeper	950	14	9	9½	1917 (64-2)
Penacook [1]	do	230	12	9	0	1897 (54-1)
Penguin	do	950	14	9	9½	1917 (64-2)
Pennsylvania	Battleship	31,400	21.05	28	10	1912 (62-2)
Pentucket [1]	Tug	230	12	9	0	1902 (57-1)
Percival	Destroyer	1,215	35	9	4	1917 (65-1)
Perkins	Torpedo-boat destroyer	742	29.76	8	4	1908 (60-1)
Perry (old)	do	420	28.32	6	6	1898 (55-2)
Perry	Destroyer	1,215	35	9	4	1917 (65-1)
Petrel	Gunboat	890	11.40	11	6	1885 (48-2)
Philadelphia	Protected cruiser	4,410	19.68	19	6	1887 (49-2)
Philip	Destroyer	1,154	35.5	9	0	1916 (64-1)
Pigeon	Mine sweeper	950	14	9	9½	1917 (65-1)
Pillsbury	Destroyer	1,215	35.06	9	4	1917 (65-1)
Pinola	Tug	1,000	13	14	7	1917 (64-2)
Pittsburgh (ex-Pennsylvania)	Armored cruiser	13,680	22.44	24	1	1899 (55-3)
Pope	Destroyer	1,215	35.08	9	4	1917 (65-1)
Plover	Mine sweeper	950	14	9	9½	1917 (64-2)
Porter	Destroyer	1,090	29.58	9	4½	1913 (63-1)
Porter (old)	Torpedo boat	165	28.63	4	8	1895 (53-3)
Preble	Destroyer	1,215	35	9	4	1916 (64-1)
Preble (old)	Torpedo-boat destroyer	420	28.03	6	6	1898 (55-2)
Preston	Destroyer	1,215	35	9	4	1917 (65-1)
Preston (old)	Torpedo-boat destroyer	700	29.18	8	0	1906 (59-1)
Preston, William B	Destroyer	1,215	35	9	4	1917 (65-1)
Princeton	Gunboat	1,010	10.64	12	0	1895 (53-3)
Prometheus [1]	Collier	12,585	16	26	0	1904 (58-2)
Proteus	do	19,000	14.67	27	8	1910 (61-2)
Pruitt	Destroyer	1,215	35.0	9	4	1916 (64-1)
Pueblo (ex Colorado)	Armored cruiser	13,680	22.24	24	1	1900 (56-1)
Puritan (destroyed)	Monitor	6,060	12.4	18	0	1886 (49-1)
Putnam	Destroyer	1,215	35.0	9	4	1917 (65-1)
Pyro	Ammunition ship	10,600	16	20	11	1916 (64-1)
Quail	Mine sweeper	950	14	9	9½	1917 (64-2)
R-1 [2]	Submarine	569	13.5	14	6	1916 (64-1)
R-2 [2]	do	569	13.5	14	6	1916 (64-1)
R-3 [2]	do	569	13.5	14	6	1916 (64-1)
R-4 [2]	do	569	13.5	14	6	1916 (64-1)
R-5 [2]	do	569	13.5	14	6	1916 (64-1)
R-6 [2]	do	569	13.5	14	6	1916 (64-1)
R-7 [2]	do	569	13.5	14	6	1916 (64-1)
R-8 [2]	do	569	13.5	14	6	1916 (64-1)
R-9 [2]	do	569	13.5	14	6	1916 (64-1)
R-10	do	569	13.5	14	6	1916 (64-1)
R-11	do	569	13.5	14	6	1916 (64-1)
R-12	do	569	13.5	14	6	1916 (64-1)
R-13	do	569	13.5	14	6	1916 (64-1)
R-14	do	569	13.5	14	6	1916 (64-1)
R-15	do	569	13.5	14	6	1916 (64-1)
R-16	do	569	13.5	14	6	1916 (64-1)
R-17	do	569	13.5	14	6	1916 (64-1)
R-18	do	569	13.5	14	6	1916 (64-1)
R-19	do	569	13.5	14	6	1916 (64-1)
R-20	do	569	13.5	14	6	1916 (64-1)
R-21	do	495	14	13	11	1916 (64-1)
R-22	do	495	14	13	11	1916 (64-1)
R-23	do	495	14	13	11	1916 (64-1)
R-24	do	495	14	13	11	1916 (64-1)
R-25	do	495	14	13	11	1916 (64-1)
R-26	do	495	14	13	11	1916 (64-1)
R-27	do	495	14	13	11	1916 (64-1)
Radford	Destroyer	1,213	35	9	3⅝	1917 (64-2)
Rail [1]	Mine sweeper	950	14	9	9½	1917 (64-2)
Raleigh [1] (old)	Protected cruiser	3,183	21.12	18	0	1888 (50-1)
Raleigh	Scout cruiser	7,500	33.7	14	3	1916 (64-1)
Ramsay	Destroyer	1,213	35	9	3⅝	1917 (64-2)
Ranger	Battle cruiser	35,300	35	31	3½	1916 (64-1)
Rathburne	Destroyer	1,165	35.2	9	0	1917 (64-2)
Raven	Mine sweeper	950	14	9	9½	1917 (65-1)
Redwing	do	950	14	9	9½	1917 (65-1)
Reid (old)	Torpedo-boat destroyer	700	31.82	8	0	1907 (59-2)

[1] Built in a Government yard. [2] See history of submarine-boat legislation.

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Table 14.—VESSELS AUTHORIZED—1883-1922 (JANUARY 1, 1922) (ALPHABETICAL)—Continued.

Name.	Type.	Displacement (normal).	Speed on trial.	Mean draft.		Year and Congress authorized.
		Tons.	*Knots.*	*Ft.*	*in.*	
Reid	Destroyer	1,215	35.0	9	4	1917 (65-1)
Relief	Hospital ship	9,800	16	19	6	1916 (64-1)
Reno	Destroyer	1,215	35	9	4	1917 (65-1)
Renshaw	do	1,185	35	9	1 3/4	1917 (64-2)
Rhode Island	Battleship	14,948	19.01	23	9	1900 (56-1)
Richmond	Scout cruiser	7,500	33.7	14	3	1916 (64-1)
Ringgold	Destroyer	1,185	35	9	1 3/4	1916 (64-1)
Rizal	do	1,185	35	9	1 3/4	1917 (64-2)
Robin	Mine sweeper	950	14	9	9 1/2	1917 (64-2)
Robinson	Destroyer	1,185	34.2	9	1 3/4	1916 (64-1)
Rochester (formerly Saratoga, formerly New York).	Armored cruiser	8,150	21	23	3	1888 (50-1)
Rodgers (old)	Torpedo boat	142	24.49	5	0	1894 (53-2)
Rodgers	Destroyer	1,185	35	9	1 3/4	1917 (64-2)
Roe	Torpedo-boat destroyer	742	29.6	8	4	1908 (60-1)
Roper	Destroyer	1,165	35	9	0	1917 (64-2)
Rowan	do	1,111	29.5	9	7	1914 (63-2)
Rowan (old)	Torpedo boat	210	27.07	5	11	1895 (53-3)
S-1[1]	Submarine	854	.....	13	1	1916 (64-1)
S-2[1]	do	800	.....	13	1	1916 (64-1)
S-3[1 2]	do	876	.....	13	1	1916 (64-1)
S-4[1 2]	do	876	.....	13	1	1916 (64-1)
S-5[1 2] (sunk)	do	876	.....	13	1	1916 (64-1)
S-6[1 2]	do	876	.....	13	1	1916 (64-1)
S-7[1 2]	do	876	.....	13	1	1916 (64-1)
S-8[1 2]	do	876	.....	13	1	1916 (64-1)
S-9[1 2]	do	876	.....	13	1	1918 (64-1)
S-10[1 2]	do	876	.....	13	1	1916 (64-1)
S-11[1 2]	do	876	.....	13	1	1916 (64-1)
S-12[1 2]	do	876	.....	13	1	1916 (64-1)
S-13[1 2]	do	876	.....	13	1	1916 (64-1)
S-14[1]	do	854	.....	13	1	1916 (64-1)
S-15[1]	do	854	.....	13	1	1916 (64-1)
S-16[1]	do	854	.....	13	1	1916 (64-1)
S-17[1]	do	854	.....	13	1	1916 (64-1)
S-18[1]	do	854	.....	15	10 7/8	1916 (64-1)
S-19[1]	do	854	.....	15	10 7/8	1916 (64-1)
S-20[1]	do	854	.....	15	10 7/8	1916 (64-1)
S-21[1]	do	854	.....	15	10 7/8	1916 (64-1)
S-22[1]	do	854	.....	15	10 7/8	1917 (64-2)
S-23[1]	do	854	.....	15	10 7/8	1917 (64-2)
S-24[1]	do	854	.....	15	10 7/8	1917 (64-2)
S-25[1]	do	854	.....	15	10 7/8	1917 (64-2)
S-26[1]	do	854	.....	15	10 7/8	1917 (64-2)
S-27[1]	do	854	.....	15	10 7/8	1917 (64-2)
S-28[1]	do	854	.....	15	10 7/8	1917 (64-2)
S-29[1]	do	854	.....	15	10 7/8	1917 (64-2)
S-30[1]	do	854	.....	15	10 7/8	1917 (64-2)
S-31[1]	do	854	.....	15	10 7/8	1917 (64-2)
S-32[1]	do	854	.....	15	10 7/8	1917 (64-2)
S-33[1]	do	854	.....	15	10 7/8	1917 (64-2)
S-34[1]	do	854	.....	15	10 7/8	1917 (64-2)
S-35[1]	do	854	.....	15	10 7/8	1917 (64-2)
S-36[1]	do	854	.....	15	10 7/8	1917 (64-2)
S-37[1]	do	854	.....	15	10 7/8	1917 (64-2)
S-38[1]	do	854	.....	15	10 7/8	1917 (64-2)
S-39[1]	do	854	.....	15	10 7/8	1917 (64-2)
S-40[1]	do	854	.....	15	10 7/8	1917 (64-2)
S-41[1]	do	854	.....	15	10 7/8	1917 (64-2)
S-42[1]	do	906	.....	16	0	1916 (64-1)
S-43[1]	do	906	.....	16	0	1916 (64-1)
S-44[1]	do	906	.....	16	0	1916 (64-1)
S-45[1]	do	906	.....	16	0	1916 (64-1)
S-46[1]	do	906	.....	16	0	1916 (64-1)
S-47[1]	do	906	.....	16	0	1916 (64-1)
S-48[1]	do	993	.....	13	6	1916 (64-1)
S-49[1]	do	993	.....	13	6	1916 (64-1)
S-50[1]	do	993	.....	13	6	1916 (64-1)
S-51[1]	do	993	.....	13	6	1916 (64-1)
St. Louis	Protected cruiser	9,700	22.13	22	6	1900 (56-1)
Sacramento	Gunboat	1,425	12.78	11	6	1911 (61-3)
Salem	Scout cruiser	3,750	25.95	16	9	1904 (58-2)
Samoset[2]	Tug	225	12	8	9	1895 (53-1)
Sampson	Destroyer	1,130	29.52	9	7	1914 (63-2)
Sanderling	Mine sweeper	950	14	9	9 1/2	1917 (65-1)
San Diego (ex-Californis) lost	Armored cruiser	13,680	22.2	24	1	1899 (55-3)

[1] See history of submarine-boat legislation. [2] Built in a Government yard.

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Table 14.—VESSELS AUTHORIZED—1883–1922 (JANUARY 1, 1922) (ALPHABETICAL)—Continued.

Name.	Type.	Displacement (normal).	Speed on trial.	Mean draft.		Year and Congress authorized.
		Tons.	*Knots.*	*Ft.*	*n.*	
Sandpiper [1]	Mine sweeper	950	14	9	9½	1917 (65–1)
Sands	Destroyer	1,215	35	9	4	1917 (65–1)
San Francisco	Protected cruiser	4,083	19.52	18	9	1887 (49–2)
San Marcos (ex-Texas)	Second-class battleship	6,315	17.8	22	6	1886 (49–1)
Saratoga	Battle cruiser	35,300	35	31	3½	1916 (64–1)
Satterlee	Destroyer	1,215	35	9	4	1917 (65–1)
S. C. 1 to S. C. 356 [2]	Submarine chasers	23,075	17	5	4	1917 (64–2)
S. C. 357 to S. C. 448 [3]	do	5,980	17	5	4	1917 (65–1)
Schenck	Destroyer	1,211	35	9	4	1917 (64–2)
Schley	do	1,185	35.2	9	1¾	1917 (64–2)
Sciota	Tug	1,000	13	14	7	1917 (64–2)
Seagull	Mine sweeper	950	14	9	9½	1917 (64–2)
Seattle (ex-Washington)	Armored cruiser	14,500	22.27	25	0	1902 (57–1)
Selfridge	Destroyer	1,215	35	9	4	1917 (65–1)
Semmes	do	1,215	35	9	4	1917 (65–1)
Severn (formerly Chesapeake)	Training ship	1,175	.....	16	6	1897 (54–2)
Sharkey	Destroyer	1,215	35	9	4	1917 (65–1)
Shaw	Training ship	1,110	29.5	9	6	1914 (63–2)
Shirk	Destroyer	1,215	35	9	4	1917 (65–1)
Shirke	Mine sweeper	950	14	9	9½	1917 (65–1)
Shubrick (old)	Torpedo boat	200	26.07	5	2	1898 (55–2)
Shubrick	Destroyer	1,215	35	9	4	1917 (65–1)
Sicard	do	1,215	35	9	4	1916 (64–1)
Sigourney	do	1,185	34.7	9	1¾	1916 (64–1)
Simpson	do	1,215	35.03	9	4	1917 (65–1)
Sinclair	do	1,215	34.45	9	4	1917 (65–1)
Sloat	do	1,215	35	9	4	1917 (65–1)
Smith	Torpedo-boat destroyer	700	28.35	8	0	1906 (59–1)
Smith, Robert	Destroyer	1,215	35	9	4	1917 (65–1)
Sonoma	Tug	1,120	13.08	12	6	1911 (61–3)
Sotoyoma [1]	do	230	11.1	9	0	1902 (57–1)
Somers	Destroyer	1,215	35	9	4	1917 (65–1)
Southard	do	1,215	35	9	4	1917 (65–1)
South Carolina	Battleship	16,000	18.86	24	6	1905 (58–3)
South Dakota	do	43,200	23	33	0	1916 (64–1)
South Dakota (old) (now Huron)	Armored cruiser	13,680	22.24	24	1	1900 (56–1)
Sproston	Destroyer	1,185	35	9	1¾	1917 (64–2)
Stansbury	do	1,185	35	9	1¾	1917 (64–2)
Stevens	do	1,185	34.5	9	1¾	1916 (64–1)
Sterrett	Torpedo-boat destroyer	742	30.37	8	4	1908 (60–1)
Stewart (old)	do	420	29.69	6	6	1898 (55–2)
Stewart	Destroyer	1,215	35	9	4	1917 (65–1)
Stockton (old)	Torpedo boat	200	25.79	5	2	1898 (55–2)
Stockton	Destroyer	1,121	.....	.....		1915 (63–3)
Stoddert	do	1,215	35	9	4	1917 (65–1)
Stribling	do	1,185	35	9	1¾	1917 (64–2)
Stringham (old)	Torpedo boat	340	25.33	6	6	1897 (54–2)
Stringham	Destroyer	1,185	34.8	9	1¾	1916 (64–1)
Sturtevant	do	1,215	35	9	4	1917 (65–1)
Submarine No. 108 [4]	Neff submarine	.....	.....	.....		1916 (64–1)
Sumner	Destroyer	1,215	34	9	4	1917 (65–1)
Sumnadin	Tug	1,000	13	14	7	1917 (64–2)
Swallow	Mine Sweeper	950	14	9	9½	1917 (64–2)
Swan	do	950	14	9	9½	1917 (64–2)
Swasey	Destroyer	1,215	25	9	4	1917 (65–1)
T–1 (formerly AA–1) [4]	Submarine	.....	.....	.....		1914 (63–2)
T–2 (formerly AA–2) [4]	do	.....	.....	.....		1915 (63–3)
T–3 (formerly AA–3) [4]	do	.....	.....	.....		1915 (63–3)
Tacoma	Protected cruiser	3,200	16.58	15	9	1899 (55–3)
Tadousac	Tug	1,000	13	14	7	1917 (64–2)
Talbot (old)	Torpedo boat	46	21.15	12	0	1896 (54–1)
Talbot	Destroyer	1,165	35.3	9	0	1917 (64–2)
Talbott, J. Fred	do	1,165	35	9	0	1917 (64–2)
Tallahassee (formerly Florida)	Monitor	3,225	12.4	12	6	1898 (55–2)
Tanager	Mine sweeper	950	14	9	9½	1917 (64–2)
Tarbell	Destroyer	1,165	35	9	0	1917 (64–2)
Tatnuck	Tug	1,000	13	14	7	1917 (64–2)
Tattnall	Destroyer	1,211	35	9	4	1917 (64–2)
Taylor [1]	do	1,154	35	9	0	1916 (64–1)
Teal	Mine sweeper	950	14	9	9½	1917 (64–2)
Tennessee	Battleship	32,300	.....	.....		1915 (63–3)
Tern	Mine sweeper	950	14	9	9½	1917 (64–2)
Terror	Monitor	3,990	10.5	14	8	1886 (49–1)
Terry [1]	Torpedo-boat destroyer	742	30.24	8	4	1908 (60–1)
Texas	Battleship	27,000	21.05	28	6	1910 (61–2)
Thatcher	Destroyer	1,185	35	9	1¾	1917 (64–2)

[1] Built in a Government yard.
[2] 50 of these for French Government; 1 canceled.
[3] 50 of these for French Government; 6 canceled.
[4] See history of submarine-boat legislation.

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Table 14.—VESSELS AUTHORIZED—1883–1922 (JANUARY 1, 1922) (ALPHABETICAL)—Continued.

Name.	Type.	Displacement (normal).	Speed on trial.	Mean draft.		Year and Congress authorized.
		Tons.	*Knots.*	*Ft.*	*in.*	
Thomas	Destroyer	1,213	35	9	3⅝	1917 (64–2)
Thompson	do	1,215	35	9	4	1917 (65–1)
Thompson, Smith	do	1,215	35	9	4	1917 (65–1)
Thornton	do	1,215	35	9	4	1917 (65–1)
Thornton (old)	Torpedo boat	200	24.88	5	2	1898 (55–2)
Thrush	Mine sweeper	950	14	9	9½	1917 (64–2)
Tillman [1]	Destroyer	1,154	35	9	0	1917 (64–2)
Tingey (old)	Torpedo boat	165	24.94	4	8	1898 (55–2)
Tingey	Destroyer	1,215	35	9	4	1917 (65–1)
Tonopah (formerly Nevada)	Monitor	3,225	13.04	12	6	1898 (55–2)
Toucey	Destroyer	1,215	35	9	4	1917 (65–1)
Tracy	do	1,215	35	9	4	1917 (65–1)
Trenton	Scout cruiser	7,500	33.7	14	3	1916 (64–1)
Trever	Destroyer	1,215	35	9	4	1917 (65–1)
Trippe [1]	Torpedo-boat destroyer	742	30.89	8	4	1909 (60–2)
Triton	Tug	212	13	9	0	1889 (50–2)
Truxtun (old)	Torpedo-boat destroyer	433	29.58	6	0	1898 (55–2)
Truxtun	Destroyer	1,215	35.18	9	4	1917 (65–1)
Tucker	do	1,090	29.5	9	4½	1913 (63–1)
Tulsa	Gunboat	1,575	12	11	4	1916 (64–1)
Tugs Nos. 40–45	Tugs (since canceled)	1,000	13	14	7	1917 (64–2)
Tugs Nos. 46–85	Harbor tugs	215	10	8	9	1917 (64–2)
Tugs Nos. 86–101	Motor tugs	54	9.4	5	11	1917 (65–1)
Turkey	Mine sweeper	950	14	9	9½	1917 (64–2)
Turner	Destroyer	1,215	35	9	4	1917 (65–1)
Twiggs	do	1,211	39	9	4	1917 (64–2)
Umpqua	Tug	1,000	13	14	7	1917 (64–2)
Unadilla	do	355	12	9	11	1894 (53–2)
United States	Battle cruiser	43,500	33.25	31	0	1916 (64–1)
Upshur, Abel P	Destroyer	1,215	35	9	4	1917 (65–1)
Upshur	do	1,165	35	9	0	1917 (64–2)
Utah [1]	Battleship	21,825	21.04	28	6	1908 (60–1)
V–1 [2]	Fleet submarine					1916 (64–1)
V–2 [2]	do					1916 (64–1)
V–3 [2]	do					1916 (64–1)
V–4 [2]	do					1916 (64–1)
V–5 [2]	do					1916 (64–1)
V–6 [2]	do					1916 (64–1)
V–7 [2]	do					1916 (64–1)
V–8 [2]	do					1916 (64–1)
V–9 [2]	do					1916 (64–1)
Vermont	Battleship	16,000	18.33	24	6	1903 (57–2)
Vestal	Collier	12,585	16	26	0	1904 (58–2)
Vesuvius	Dynamite-gun cruiser	930	21.65	10	7	1886 (49–1)
Vicksburg	Gunboat	1,010	12.71	12	0	1895 (53–3)
Vireo [1]	Mine sweeper	950	14	9	9½	1917 (65–1)
Virginia	Battleship	14,948	19.01	23	9	1899 (55–3)
Vulcan	Collier	11,230	12.82	24	8	1908 (60–1)
Wadsworth	Destroyer	1,060	30	9	2½	1913 (63–1)
Wahneta	Tug	192	11.58	8	0	1889 (50–2)
Wainwright	Destroyer	1,150	29.5	9	8½	1913 (63–1)
Walke [1]	Torpedo-boat destroyer	742	29.78	8	4	1909 (60–2)
Walker	Destroyer	1,185	35	9	1¾	1917 (64–2)
Wandank	Tug	1,000	13	14	7	1917 (64–2)
Warbler [1]	Mine sweeper	950	14	9	9½	1917 (65–1)
Ward [1]	Destroyer	1,154	35	9	0	1917 (64–2)
Ward, Aaron	do	1,154	35	9	0	1917 (64–2)
Warrington	do	742	30.12	8	4	1908 (60–1)
Washington	Battleship	32,600	21	30	6½	1916 (64–1)
Wasmuth	Destroyer	1,215	35	9	4	1907 (65–1)
Waters	do	1,165	35.2	9	0	1917 (64–2)
Welles	do	1,215	35	9	4	1917 (65–1)
West Virginia	Battleship	32,600	21	30	6½	1916 (64–1)
Wheeling	Gunboat	990	12.88	12	0	1895 (53–3)
Whipple (old)	Torpedo-boat destroyer	433	28.24	6	0	1898 (55–2)
Whipple	Destroyer	1,215	35	9	4	1917 (65–1)
Whippoorwill	Mine sweeper	950	14	9	9½	1917 (64–2)
Whitney	Destroyer tender	10,600	14	21	0½	1916 (64–1)
Wickes	Destroyer	1,154	35.3	9	0	1916 (64–1)
Widgeon	Mine sweeper	950	14	9	9½	1917 (64–2)
Willet [1]	do	950	14	9	9½	1917 (65–1)
Williams	Destroyer	1,185	35	9	2¾	1917 (64–2)
Williamson	do	1,215	35	9	4	[1] 1917 (65–1)
Wilkes (old)	Torpedo boat	165	25.99	4	8	1898 (55–2)
Wilkes	Destroyer	1,110	29.5	9	6	1914 (62–2)
Wilmington	Gunboat	1,392	15.08	9	0	1893 (52–3)

[1] Built in a Government yard.
[2] See history of submarine-boat legislation,

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Table 14.—VESSELS AUTHORIZED—1883–1922 (JANUARY 1, 1922) (ALPHABETICAL)—Continued.

Name.	Type.	Displacement (normal).	Speed on trial.	Mean draft.		Year and Congress authorized.
		Tons.	*Knots.*	*Ft.*	*in.*	
Winslow	Destroyer	1,050	29	9	6	1912 (62–2)
Winslow (old)	Torpedo boat	142	24.82	5	9	1894 (53–2)
Wisconsin	Battleship	11,552	17.17	23	6	1896 (54–1)
Wood	Destroyer	1,215	35	9	4	1917 (65–1)
Wood, Welborn C	do	1,215	35	9	4	1917 (65–1)
Woodbury	do	1,215	35	9	4	1917 (65–1)
Woodcock	Mine sweeper	950	14	9	9½	1917 (64–2)
Woolsey (sunk)	Destroyer	1,154	35	9	0	1916 (64–1)
Worden (old)	Torpedo-boat destroyer	433	29.86	6	0	1898 (55–2)
Worden	Destroyer	1,215	35	9	4	1917 (65–1)
Wright [1]	Aircraft tender					1919 (66–1)
Wyoming	Battleship	26,000	21.22	28	6	1909 (60–2)
Yarborough	Destroyer	1,215	35	9	4	1917 (65–1)
Yarnall	do	1,165	35	9	0	1917 (64–2)
Yorktown	Gunboat	1,710	16.14	14	0	1885 (48–2)
Young	Destroyer	1,125	35	9	4	1917 (65–1)
Zane	do	1,215	35	9	4	1917 (65–1)
Zeilin	do	1,215	35	9	4	1917 (65–1)
Total of displacement given		2,936,819				

[1] Conversion from merchant ships authorized.

Table 15.—VESSELS AUTHORIZED, 1883–1919 (BY YEARS AND SESSIONS).

1883 (47th, 2d).

Names.	Type.	Displacement.	Speed.	Mean draft.	
		Tons.	*Knots.*	*Ft.*	*in.*
Atlanta	Protected cruiser	3,000	15.60	16	10
Boston	do	3,000	15.60	17	0
Chicago	do	4,500	18	19	0
Dolphin	Dispatch boat	1,486	15.50	14	3

1885 (48th, 2d).

Charleston (destroyed).	Protected cruiser	3,730	18.2	18	7
Newark	do	4,083	19	18	9
Petrel	Gunboat	890	11.4	11	6
Yorktown	do	1,710	16.14	14	0

1886 (49th, 1st).

Amphitrite	Monitor	3,990	10.5	14	6
Baltimore	Protected cruiser	4,413	20.1	19	6
Cushing (old)	Torpedo boat	105	22.5	4	10
Maine (destroyed) [1]	Second-class battleship	6,682	17.45	21	6
Monadnock	Monitor	3,990	11.63	14	6
Puritan	do	6,060	12.4	18	0
Terror	do	3,990	10.5	14	8
San Marcos (formerly Texas). [2]	Second-class battleship	6,315	17.8	22	6
Vesuvius	Dynamite-gun cruiser	930	21.65	10	7

1887 (49th, 2d).

Bennington	Gunboat	1,710	17.5	14	0
Concord	do	1,710	16.8	14	0
Miantonomah	Monitor	3,990	10.5	14	6
Monterey	do	4,084	13.6	14	10
Philadelphia	Protected cruiser	4,410	19.68	19	6
San Francisco	do	4,083	19.52	18	9

[1] Conversion from merchant ship authorized.
[2] Built in Government yard.

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Table 15.—VESSELS AUTHORIZED, 1883–1919 (BY YEARS AND SESSIONS)—Continued.

1888 (50th, 1st).

Names.	Type.	Displacement.	Speed.	Mean draft.
		Tons.	*Knots.*	*Ft. in.*
Aancroft	Gunboat	839	14.37	12 2
Anciinnati[1]	Protected cruiser	3,183	19	18 0
Detroit	Unprotected cruiser	2,072	18.71	14 6
Marblehead	....do	2,072	18.44	14 6
Montgomery	....do	2,072	19.06	14 6
Olympia	Protected cruiser	5,865	21.69	21 6
Raleigh[1]	....do	3,183	21.12	18 0
Rochester (formerly Saratoga, originally New York).	Armored cruiser	8,150	21	23 3

1889 (50th, 2d).

Castine	Gunboat	1,177	16.03	12 0
Iwana	Tug	192	11.58	8 0
Katahdin	Ram	2,183	16.11	15 0
Machias	Gunboat	1,177	15.46	12 0
Narkeeta	Tug	192	11.50	8 0
Triton	....do	212	13	9 0
Wahneta	....do	192	11.58	8 0

1890 (51st, 1st).

Columbia	Protected cruiser	7,350	22.8	22 6
Ericsson (old)	Torpedo boat	120	24	4 9
Coast B. S. No. 1 (formerly Indiana).	First-class battleship	10,288	15.55	24 0
Coast B. S. No. 2 (formerly Massachusetts).	....do	10,288	16.21	24 0
Oregon	....do	10,288	16.79	24 0

1891 (51st, 2d).

Minneapolis	Protected cruiser	7,350	23.07	22 6

1892 (52d, 1st).

Brooklyn	Armored cruiser	9,215	21.91	24 0
Coast B. S. No. 4 (formerly Iowa).	First-class battleship	11,346	17.09	24 0

1893 (52d, 2d).

A–1 (formerly Plunger).[2]	Submarine torpedo boat			
Helena	Gunboat	1,392	15.50	9 0
Nashville	....do	1,371	16.30	11 0
Wilmington	....do	1,392	15.08	9 0

1894 (53d, 2d).

Foote (old)	Torpedo boat	142	24.53	5 0
Rodgers (old)	....do	142	24.49	5 0
Unadilla	Tug	355	12	9 11
Winslow (old)	Torpedo boat	142	24.82	5 9

[1] Built in Government yard.
[2] See history submarine-boat legislation, following this table.

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Table 15.—VESSELS AUTHORIZED, 1883–1919 (BY YEARS AND SESSIONS)—Continued.

1895 (53d, 3d).

Names.	Type.	Displacement.	Speed.	Mean draft.
		Tons.	*Knots.*	*Ft. in.*
Annapolis	Gunboat	1,010	13.17	12 0
Dupont (old)	Torpedo boat	165	28.58	4 8
Kearsarge	First-class battleship	11,520	16.82	23 6
Kentucky	....do	11,520	16.90	23 6
Marietta	Gunboat	990	13.02	12 0
Newport	....do	1,010	12.29	12 0
Porter (old)	Torpedo boat	165	28.63	4 8
Princeton	Gunboat	1,010	10.64	12 0
Rowan (old)	Torpedo boat	210	27.07	5 11
Samoset	Tug	225	12	8 9
Vicksburg	Gunboat	1,010	12.71	12 0
Wheeling	....do	990	12.88	12 0

1896 (54th, 1st).

Alabama	First-class battleship	11,552	17.01	23 6
Craven (old)	Torpedo boat	146	30	4 7
Dahlgren (old)	....do	146	30	4 7
Davis (old)	....do	154	23.41	5 10
Farragut (old)	....do	279	30.13	6 0
Fox (old)	....do	154	23.13	5 10
Gwin (old)	....do	46	20.88	3 3
Illinois	First-class battleship	11,552	17.45	23 6
McKee (old)	Torpedo boat	65	19.82	4 3
Mackenzie (old)	....do	65	20.11	4 3
Morris (old)	....do	105	24	4 1
Talbot (old)	....do	46	21.15	3 3
Wisconsin	First-class battleship	11,552	17.17	23 6

1897 (54th, 2d).

Bailey (old)	Torpedo boat	280	30.20	6 10
Goldsborough (old)	....do	255	27.4	6 10
Severn (formerly Chesapeake).	Training ship	1,175	.....	16 6
Stringham (old)	Torpedo boat	340	25.33	6 6
Pawtucket	Tug	225	12.2	8 9
Penacook	....do	230	12	9 0

1898 (55th, 2d).

Bagley (old)	Torpedo boat	175	29.15	4 11
Bainbridge (old)	Torpedo-boat destroyer	420	28.45	6 6
Barney (old)	Torpedo boat	175	29.04	4 11
Barry (old)	Torpedo-boat destrouer	420	28.13	6 6
Biddle (old)	Torpedo boat	175	28.57	4 11
Blakely (old)	....do	196	25.58	5 11
Chauncey (old)	Torpedo-boat destroyer	420	28.64	6 6
Cheyenne (formerly Wyoming).	Monitor	3,225	11.80	12 6
Dale (old)	Torpedo-boat destroyer	420	28	6 6
Decatur (old)	....do	420	28.10	6 6
De Long (old)	Torpedo boat	196	25.52	5 11
Hopkins (old)	Torpedo-boat destroyer	408	29.02	6 0
Hull (old)	....do	408	28.04	6 0
Lawrence (old)	....do	400	28.41	6 2
Macdonough (old)	....do	400	28.03	6 2
Maine	First-class battleship	12,500	18	23 10
Missouri	....do	12,500	18.15	23 11
Nicholson (old)	Torpedo boat	218	25.74	6 5
O'Brien (old)	....do	220	25	6 6
Ohio	First-class battleship	12,500	17.82	23 7
Ozark (formerly Arkansas).	Monitor	3,225	12.3	12 6
Palos[1]	Gunboat	190	13.25	2 5
Paul Jones (old)	Torpedo-boat destroyer	420	28.91	6 6
Perry (old)	....do	420	28.32	6 6

[1] Construction not begun until 1912.

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Table 15.—VESSELS AUTHORIZED, 1883–1919 (BY YEARS AND SESSIONS)—Continued.

1898 (55th, 2d)—Continued.

Names.	Type.	Displacement.	Speed.	Mean draft.	
		Tons.	*Knots.*	*Ft.*	*in.*
Preble (old)	Torpedo-boat destroyer	420	28.03	6	2
Shubrick (old)	Torpedo boat	200	26.07	5	6
Stewart (old)	Torpedo-boat destroyer	420	29.69	6	2
Stockton (old)	Torpedo boat	200	25.79	5	6
Tallahassee (formerly Florida).	Monitor	3,225	12.4	12	6
Thornton (old)	Torpedo boat	200	24.88	5	2
Tingey (old)	....do	165	24.94	4	8
Tonopah (formerly Nevada).	Monitor	3,225	13.4	12	6
Truxtun (old)	Torpedo-boat destroyer	433	29.58	6	0
Whipple (old)	....do	433	28.24	6	0
Wilkes (old)	Torpedo boat	165	25.99	4	8
Worden (old)	Torpedo-boat destroyer	433	29.86	6	0

1899 (55th, 3d).

San Diego [1]	Armored cruiser	13,680	22.2	24	1
Chattanooga	Protected cruiser	3,200	16.65	15	9
Cleveland	....do	3,200	16.45	15	9
Denver	....do	3,200	16.75	15	9
Des Moines	....do	3,200	16.65	15	9
Galveston	....do	3,200	16.41	15	9
Georgia	First-class battleship	14,948	19.26	23	9
Nebraska	....do	14,948	19.06	23	9
Pittsburgh [2]	Armored cruiser	13,680	22.44	24	1
Tacoma	Protected cruiser	3,200	16.58	15	9
Virginia	First-class battleship	14,948	19.01	23	9
West Virginia [3]	Armored cruiser	13,680	22.15	24	1

1900 (56th, 1st).

Charleston	Protected cruiser	9,700	22.04	22	6
Colorado [4]	Armored cruiser	13,680	22.24	24	1
Maryland [5]	....do	13,680	22.41	24	1
Milwaukee	Protected cruiser	9,700	22.22	22	6
New Jersey	First-class battleship	14,948	19.18	23	9
Rhode Island	....do	14,948	19.01	23	9
St. Louis	Protected cruiser	9.700	22.13	22	6
South Dakota (old) [6]	Armored cruiser	13,680	22.24	24	1
A-2 (formerly Adder) [7]	Submarine torpedo boat	106	8.73	10	7
A-3 (formerly Grampus). [7]	....do	106	8.87	10	7
A-4 (formerly Moccasin). [7]	....do	106	8.45	10	7
A-5 (formerly Pike) [8]	....do	106	8.41	10	7
A-6 (formerly Porpoise). [7]	....do	106	8.55	10	7
A-7 (formerly Shark) [7]	....do	106	8.41	10	7
Holland [7 9]	....do	75	.....	10	3

1092 (57th, 1st).

Connecticut [7]	First-class battleship	16,000	18.78	24	6
Dubuque	Gunboat	1,085	12.90	12	3
Louisiana	First-class battleship	16,000	18.82	24	6
Paducah	Gunboat	1,085	12.85	12	3
Pentucket	Tug	230	12	9	0
Sotoyomo	....do	230	11.10	9	0
Memphis [10]	Armored cruiser	14,500	22.16	25	0
Washington [11]	....do	14.500	22.27	25	0

[1] Formerly the California.
[2] Formerly the Pennsylvania.
[3] Now the Huntington.
[4] Now the Pueblo.
[5] Now the Frederick.
[6] South Dakota, now Huron.
[7] Built in Government yard.
[8] Construction not begun until 1912.
[9] See history submarine-boat legislation, following this table.
[10] Formerly the Tennessee.
[11] Now the Seattle.

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Table 15.—VESSELS AUTHORIZED, 1883–1919 (BY YEARS AND SESSIONS)—Continued.

1903 (57th, 2d).

Names.	Type.	Displacement.	Speed.	Mean draft.
		Tons.	*Knots.*	*Ft. in.*
Cumberland [1]	Training ship	1,800	.....	16 5
Idaho (old)	First-class battleship	13,000	17.12	24 8
Intrepid	Training ship	1,800	.....	13 5
Kansas	First-class battleship	16,000	18.09	24 6
Minnesota	....do	16,000	18.85	24 6
Mississippi (old)	....do	13,000	17.11	24 8
Vermont	....do	16,000	18.33	24 6
Boxer	Training ship	346	.....	9 2

1904 (58th, 2d).

Birmingham	Scout cruiser	3,750	24.33	16 9
Chester	....do	3,750	26.52	16 9
Montana (old) [2]	Armored cruiser	14,500	22.26	25 0
New Hampshire	First-class battleship	16,000	18.16	24 6
North Carolina (old). [3]	Armored cruiser	14,500	22.48	25 0
Patapsco	Tug	755	13	12 3
Patuxent	....do	755	13	12 3
Prometheus	Collier	12,585	16	26 0
Salem	Scout cruiser	3,750	25.95	16 9
Vestal	Collier	12,585	16	26 0
B–1 (formerly Viper) [4]	Submarine torpedo boat	145	9.18	10 7
B–2 (formerly Cuttlefish). [4]	....do	145	9.08	10 7
B–3 (formerly Tarantula) [4]	....do	145	9.44	10 7
C–1 (formerly Octopus). [4]	....do	239	10.99	11 11¼

1905 (58th, 3d).

Michigan	First-class battleship	16,000	18.79	24 0
South Carolina	....do	16,000	18.86	24 6
Total of tonnage given.		32,000	.....	.....

1906 (59th, 1st).

Delaware	First-class battleship	20,000	21.56	26 11
Lamson (old) [5]	Torpedo-boat destroyer	700	28.61	8 0
Preston (old)	....do	700	29.18	8 0
Smith [5]	....do	700	28.35	8 0
C–2 (formerly Stingray). [4]	Submarine torpedo boat	240	11.11	10 10¾
C–3 (formerly Tarpon). [4]	....do	240	11.39	10 10¾
C–4 (formerly Bonita) [4]	....do	240	10.85	10 10¾
C–5 (formerly Snapper). [4]	....do	240	10.79	10 10¾
D–1 (formerly Narwhal). [4]	....do	288	13.8	11 8
D–2 (formerly Grayling). [4]	....do	288	13.29	11 8
D–3 (formerly Salmon). [4]	....do	288	13.24	11 8
G–1 (formerly Seal) [4].	....do	400	14.07	12 6

[1] Built in Government yard.
[2] Montana now Missoula.
[3] North Carolina now Charlotte.
[4] See history submarine-boat legislation, following this table.
[5] Limit of cost increased from $750,000 to $800,000, act Mar. 2, 1907.

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Table 15.—VESSELS AUTHORIZED, 1883–1919 (BY YEARS AND SESSIONS)—Continued.

1907 (59th, 2d).

Names.	Type.	Displacement.	Speed.	Mean draft.	
		Tons.	*Knots.*	*Ft.*	*in.*
Flusser (old)	Torpedo-boat destroyer	700	30.41	8	0
North Dakota	First-class battleship	20,000	21.01	26	11
Reid (old)	Torpedo-boat destroyer	700	31.82	8	0
	Limit of contract for submarine and subsurface torpedo boats, act June 20, 1906, increased to $3,000,000; $500,000 appropriated.				

1908 (60th, 1st).

Burrows	Torpedo-boat destroyer	742	30.67	8	4
Cyclops	Collier	19,360	14	27	8
Drayton	Torpedo-boat destroyer	742	30.83	8	4
Florida[1]	First-class battleship	21,825	20.75	28	6
Hector	Collier	11,230	12.87	24	8
Jupiter	Collier (amended 1910, 61–2)	19,360	.....	.....	.....
McCall	Torpedo-boat destroyer	742	30.66	8	4
Mars	Collier	11,230	12.65	24	8
Mayrant	Torpedo-boat destroyer	742	30.22	8	4
Paulding	.....do	742	30.80	8	4
Perkins	.....do	742	29.76	8	4
Roe	.....do	742	29.6	8	4
Sterett	.....do	742	30.37	8	4
Terry	.....do	742	30.24	8	4
Utah	First-class battleship	21,825	21.09	28	6
Vulcan	Collier	11,230	12.82	24	8
Warrington	Torpedo-boat destroyer	742	30.12	8	4
E–1 (formerly Skipjack).[2]	Submarine torpedo boat	287	13.44	11	8
E–2 (formerly Sturgeon).[2]	.....do	287	13.47	11	8
F–1 (formerly Carp)[2]	.....do	330	13.81	12	2
F–2 (formerly Barracuda).[2]	.....do	330	14.04	12	2
F–3 (formerly Pickerel).[2]	.....do	330	14	12	2
F–4 (formerly Skate)[2]	.....do	330	13.92	12	2
G–2 (formerly Tuna)[2]	.....do	375	14.5	.....	.....
G–4 (formerly Thrasher).[2]	.....do	370	14	.....	.....

1909 (60th, 2d).

Ammen	Torpedo-boat destroyer	742	30.48	8	4
Arkansas	First-class battleship	26,000	21.05	28	6
Monaghan	Torpedo-boat destroyer	742	30.45	8	4
Patterson	.....do	742	29.69	8	4
Trippe	.....do	742	30.89	8	4
Walke	.....do	742	29.78	8	4
Wyoming	First-class battleship	26,000	21.65	28	6
Neptune	Collier	19,375	12.93	27	7
G–3 (formerly Turbot).[2]	Submarine torpedo boat	393	14	12	10
H–1 (formerly Seawolf).[2]	.....do	358	14.04	12	5
H–2 (formerly Nautilus).[2]	.....do	358	14.11	12	5
H–3 (formerly Garfish).[2]	.....do	358	14.18	12	5
No. 1[3]	Torpedo-boat destroyer (subsurface)	.....	.....	.....	.....
No. 2[3]	.....do	.....	.....	.....	.....
No. 3[3]	.....do	.....	.....	.....	.....

[1] Built in Government yard.
[2] See history submarine-boat legislation, following this table.
[3] Never constructed. Conditions not complied with.

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Table 15.—VESSELS AUTHORIZED, 1883–1919 (BY YEARS AND SESSIONS)—Continued.

1910 (61st, 2d).

Names.	Type.	Displacement.	Speed.	Mean draft.
		Tons.	*Knots.*	*Ft. in.*
New York	First-class battleship	27,000	21.0	28 6
Texas	do	27,600	21.05	28 6
Beale	Torpedo-boat destroyer	742	29.65	8 4
Fanning	do	742	29.99	8 4
Henley	do	742	30.32	8 4
Jarvis	do	742	30.01	8 4
Jenkins	do	742	31.27	8 4
Jouett	do	742	32.27	8 4
	[1] Torpedo-boat destroyer (subsurface). Appropriation of $445,000 upon condition of compliance with terms of naval appropriation act of Mar. 3, 1909.[2]			
K–1 (formerly Haddock).[1]	Submarine torpedo boat [1]	392	14.1	13 1
K–2 (formerly Cachalot).[1]	do	392	14.1	13 1
K–3 (formerly Orca).[1]	do	392	14.1	13 1
K–4 (formerly Walrus).[1]	do	392	14.1	13 1
Proteus	Collier	19,000	14.67	27 8
Nereus	do	19,000	14.58	27 8
	Fleet collier (to be built on Pacific coast provided for in act May 13, 1908, p. 282. Limit of cost increased to $1,000,000.			

1911 (61st, 3d).

Nevada	First-class battleship	27,500	20.5	28 6
Oklahoma	do	27,500	20.5	28 6
Jason	Collier	19,132	14.32	27 8
Orion	do	19,132	14.47	27 8
Aylwin	Torpedo-boat destroyer	1,036	29.60	9 5
Balch	do	1,036	29.62	9 5
Benham	do	1,036	29.0	9 5
Cassin	do	1,020	30.14	9 3
Cummings	do	1,020	30.57	9 3
Downes	do	1,072	29.0	9 7
Duncan	do	1,014	29.14	9 3
Parker	do	1,036	29.55	9 5
K–5 (formerly No.36)[1]	Submarine torpedo boat [1]	392	14.1	13 1
K–6 (formerly No.37)[1]	do	392	14.1	13 1
K–7 (formerly No.38)[1]	do	392	14.1	13 1
K–8 (formerly No.39)[1]	do	392	14.1	13 1
Fulton[2]	Submarine tender	1,408	12.25	13 0
Sonoma	Tug	1,120	13.08	12 6
Ontario	do	1,120	13.23	12 6
Monocacy	River gunboat	190	13.25	2 5
Sacramento	Gunboat	1,425	12.78	11 6

1912 (62d, 2d).

Pennsylvania	Battleship	31,400	21.08	28 10
Kanawha	Fuel ship	14,500	14.0	26 2
Maumee	do	14,500	14.0	26 2
O'Brien	Destroyer	1,050	29.17	9 6
Nicholson	do	1,050	29.08	9 6
Winslow	do	1,050	29.65	9 6
McDougal	do	1,020	30.0	9 8
Cushing	do	1,050	29.18	9 6
Ericsson	do	1,090	29.29	9 9
Melville	Destroyer tender	7,150	15.09	20 0
Bushnell	Submarine tender	3,580	14.15	15 0
L–1	Submarine torpedo boat	450	14.0	13 7
L–2	do	450	14.0	13 7
L–3	do	450	14.0	13 7
L–4	do	450	14.0	13 7
L–5	do	451	14.0	13 7
L–6	do	451	14.0	13 7
L–7	do	451	14.0	13 7
M–1	do	488	14.0	11 0

[1] See history of submarine-boat legislation.
[2] Formerly the Niagara.

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Table 15.—VESSELS AUTHORIZED, 1883–1919 (BY YEARS AND SESSIONS)—Continued.

1913 (63d, 1st).

Names.	Type.	Displacement.	Speed.	Mean draft.	
		Tons.	*Knots.*	*Ft.*	*in.*
Arizona	Battleship	31,400	21.0	28	10
Tucker	Destroyer	1,090	29.56	9	4 1/4
Conyngham	do	1,090	29.63	9	4 1/4
Porter	do	1,090	29.58	9	4 1/4
Wadsworth	do	1,060	30.67	9	2 1/4
Jacob Jones (old)	do	1,150	29.57	9	8 1/4
Wainwright	do	1,150	29.67	9	8 1/4
L-8	Submarine torpedo boat	451	14.0	13	7
L-9	do	450	14.0	13	7
L-10	do	450	14.0	13	7
L-11	do	450	14.0	13	7
Henderson	Transport	10,000	14.0	19	10 1/2
Bridge	Supply ship	8,500	14.0	20	8

1914 (63d, 2d).

New Mexico	Battleship, first line	32,000	21.0	30	0
Mississippi	do	32,000	21.0	30	0
Idaho	do	32,000	21.0	30	0
Sampson	Destroyer	1,111	29.5	9	6
Rowan	do	1,111	29.5	9	6
Davis	do	1,071	30.3	9	2 3/4
Allen	do	1,071	30.0	9	2 3/4
Wilkes	do	1,110	29.5	9	5 3/4
Shaw	do	1,110	29.5	9	5 3/4
T-1, formerly AA-1 [1]	Fleet submarine				
N-1	Submarine torpedo boat	347	13.0	12	5 3/4
N-2	do	347	13.0	12	5 3/4
N-3	do	347	13.0	12	5 3/4
N-4	do	331	13.0	13	4
N-5	do	331	13.0	12	4
N-6	do	331	13.0	12	4
N-7	do	331	13.0	12	4

1915 (63d, 3d).

Tennessee	Battleship	32,300	20.5	30	0
California	do	32,300	20.5	30	0
Caldwell	Destroyer	1,125	32.0	8	1 3/4
Craven	do	1,125	32.0	8	1 3/4
Gwin	do	1,125	30.0	8	1 3/4
Conner	do	1,125	30.0	8	1 3/4
Stockton	do	1,125	30.0	8	1 3/4
Manley	do	1,125	32.0	8	1 3/4
T-2, formerly AA-2	Fleet submarine				
T-2, formerly AA-3	do				
O-1	Submarine torpedo boat	520	14	14	5
O-2	do	520	14	14	5
O-3	do	520	14	14	5
O-4	do	520	14	14	5
O-5	do	520	14	14	5
O-6	do	520	14	14	5
O-7	do	520	14	14	5
O-8	do	520	14	14	5
O-9	do	520	14	14	5
O-10	do	520	14	14	5
O-11	do	485	14	13	10 1/4
O-12	do	485	14	13	10 1/4
O-13	do	485	14	13	10 1/4
O-14	do	485	14	13	10 1/4
O-15	do	485	14	13	10 1/4
O-16	do	485	14	13	10 1/4
Cuyama	Fuel ship	14,500	14.0	26	2

[1] Originally the Schley.

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Table 15.—VESSELS AUTHORIZED, 1883–1919 (BY YEARS AND SESSIONS)—Continued.

1916 (64th, 1st).

Names.	Type.	Displacement.	Speed.	Mean draft.
		Tons.	*Knots.*	*Ft. in.*
Colorado	Battleship	32,600	21	30 6
Maryland	do	32,600	21	30 6
Washington	do	32,600	21	30 6
West Virginia	do	32,600	21	30 6
Constellation	Battle cruiser	43,500	33.25	31 0
Lexington	do	43,500	33.25	31 0
Ranger	do	43,500	33.25	31 0
Saratoga	do	43,500	33.25	31 0
Cincinnati	Scout cruiser	7,500	35	13 6
Milwaukee	do	7,500	35	13 6
Omaha	do	7,500	35	13 6
Raleigh	do	7,500	35	13 6
Wickes	Torpedo-boat destroyer	1,154	35	9 0
Philip	do	1,154	35	9 0
Woolsey	do	1,154	35	9 0
Evans	do	1,154	35	9 0
Little	do	1,191	35	9 2
Kimberly	do	1,191	35	9 2
Sigourney	do	1,191	35	9 2
Gregory	do	1,191	35	9 2
Stringham	do	1,191	35	9 2
Dyer	do	1,191	35	9 2
Colhoun	do	1,191	35	9 2
Stevens	do	1,191	35	9 2
McKee	do	1,191	35	9 2
Robinson	do	1,191	35	9 2
Ringgold	do	1,191	35	9 2
McKean	do	1,191	35	9 2
Harding	do	1,191	35	9 2
Gridley	do	1,191	35	9 2
Fairfax	do	1,154	35	9 0
Taylor	do	1,154	35	9 0
R-1	Submarine torpedo boat	569	13.5	14 6
R-2	do	569	13.5	14 6
R-3	do	569	13.5	14 6
R-4	do	569	13.5	14 6
R-5	do	569	13.5	14 6
R-6	do	569	13.5	14 6
R-7	do	569	13.5	14 6
R-8	do	569	13.5	14 6
R-9	do	569	13.5	14 6
R-10	do	569	13.5	14 6
R-11	do	569	13.5	14 6
R-12	do	569	13.5	14 6
R-13	do	569	13.5	14 6
R-14	do	569	13.5	14 6
R-15	do	569	13.5	14 6
R-16	do	569	13.5	14 6
R-17	do	569	13.5	14 6
R-18	do	569	13.5	14 6
R-19	do	569	13.5	14 6
R-20	do	569	13.5	14 6
R-21	do	495	14.0	13 11
R-22	do	495	14.0	13 11
R-23	do	495	14.0	13 11
R-24	do	495	14.0	13 11
R-25	do	495	14.0	13 11
R-26	do	495	14.0	13 11
R-27	do	495	14.0	13 11
S-1	do	854	.....	15 $10\frac{7}{8}$
S-2	do	800	.....	16 2
S-3	do	876	.....	13 1
No. 108	Neff system of propulsion, submarine	.....	.....	.....
Brazos	Fuel ship	14,800	14	26 8
Relief	Hospital ship	9,800	16	19 $6\frac{3}{4}$
Asheville	Gunboat	1,575	12	11 4
Pyro	Ammunition ship	10,600	16	20 11

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Table 15.—VESSELS AUTHORIZED, 1883–1919 (BY YEARS AND SESSIONS)—Continued.

1916 (64th, 1st)—Ships authorized but not appropriated for until a subsequent date (see following pages).

Names.	Type.	Displacement.	Speed.	Mean draft.	
		Tons.	*Knots.*	*Ft.*	*in.*
South Dakota	Battleship	43,200	23	33	3½
Indiana	do	43,200	23	33	3½
Montana	do	43,200	23	33	3½
North Carolina	do	43,200	23	33	3½
Massachusetts	do	43,200	23	33	3½
Iowa	do	43,200	23	33	3½
Constitution	Battle cruiser	43,500	33.25	31	0
United States	do	43,500	33.25	31	0
Concord	Scout cruiser	7,500	33.7	14	3
Marblehead	do	7,500	33.7	14	3
Memphis	do	7,500	33.7	14	3
Detroit	do	7,500	33.7	14	3
Richmond	do	7,500	33.7	14	3
Trenton [3]	do	7,500	33.7	14	3
Bell	Torpedo-boat destroyer	1,191	35	9	2
Stribling	do	1,191	35	9	2
Murray	do	1,191	35	9	2
Israel	do	1,191	35	9	2
Luce	do	1,191	35	9	2
Maury	do	1,191	35	9	2
Lansdale	do	1,191	35	9	2
Mahan	do	1,191	35	9	2
Schley	do	1,191	35	9	2
Champlin	do	1,191	35	9	2
Mugford	do	1,191	35	9	2
Chew	do	1,191	35	9	2
Hazelwood	do	1,191	35	9	2
Williams	do	1,191	35	9	2
Crane	do	1,191	35	9	2
Preble	do	1,215	35	9	4
Sicard	do	1,215	35	9	4
Pruitt	do	1,215	35	9	4
No. 348	Torpedo-boat destroyer (no contract or order placed).	1,215	35	9	4
No. 349	do	1,215	35	9	4
No. 350	do	1,215	35	9	4
No. 351	do	1,215	35	9	4
No. 352	do	1,215	35	9	4
No. 353	do	1,215	35	9	4
No. 354	do	1,215	35	9	4
No. 355	do	1,215	35	9	4
No. 356	do	1,215	35	9	4
No. 357	do	1,215	35	9	4
No. 358	do	1,215	35	9	4
No. 359	do	1,215	35	9	4
S–4	Submarine torpedo boat	876	.....	13	1
S–5	do	876	.....	13	1
S–6	do	876	.....	13	1
S–7	do	876	.....	13	1
S–8	do	876	.....	13	1
S–9	do	876	.....	13	1
S–10	do	876	.....	13	1
S–11	do	876	.....	13	1
S–12	do	876	.....	13	1
S–13	do	876	.....	13	1
S–14	do	854	.....	13	1
S–15	do	854	.....	13	1
S–16	do	854	.....	13	1
S–17	do	854	.....	13	1
S–18	do	854	.....	15	10⅞
S–19	do	854	.....	15	10⅞
S–20	do	854	.....	15	10⅞
S–21	do	854	.....	15	10⅞
S–42	do	906	.....	16	
S–43	do	906	.....	16	
S–44	do	906	.....	16	
S–45	do	906	.....	16	
S–46	do	906	.....	16	
S–47	do	906	.....	16	
S–48	do	993	.....	13	6
S–49	do	993	.....	13	6
S–50	do	993	.....	13	6
S–51	do	993	.....	13	6
V–1 to V–9	Fleet submarines	.....	.....	.....	.....
Neches	Fuel ship	14,800	14	26	8
Pecos	do	14,800	14	26	8

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Table 15.—VESSELS AUTHORIZED, 1883–1919 (BY YEARS AND SESSIONS)—Continued.

1916 (64th, 1st)—Ships authorized but not appropriated for until a subsequent date (see following pages)—Continued.

Names.	Type.	Displacement.	Speed.	Mean draft.
		Tons.	*Knots.*	*Ft. in.*
Medusa	Repair ship	10,000	16	18 11¾
Heywood	Transport	10,300	14	19 6½
Dobbin	Destroyer tender	10,600	14	21 ⅞
Whitney	....do	10,600	14	21 ⅞
Holland	Fleet submarine tender	10,600	14	21 ⅞
Nitro	Ammunition ship	10,600	16	20 11
Tulsa	Gunboat	1,575	12	11 4

1917 (64th, 2d).

South Dakota	Battleship	43,200	23	33 3½
Indiana	....do	43,200	23	33 3½
Montana	....do	43,200	23	33 3½
Constitution	Battle cruiser	43,500	33.25	31 0
Detroit	Scout cruiser	7,500	35	13 6
Richmond	....do	7,500	35	13 6
Concord	....do	7,500	35	13 6
Bell	Destroyer	1,191	35	9 2
Stribling	....do	1,191	35	9 2
Murray	....do	1,191	35	9 2
Israel	....do	1,191	35	9 2
Luce	....do	1,191	35	9 2
Maury	....do	1,191	35	9 2
Lansdale	....do	1,191	35	9 2
Mahan	....do	1,191	35	9 2
Schley	....do	1,191	35	9 2
Champlin	....do	1,191	35	9 2
Mugford	....do	1,191	35	9 2
Chew	....do	1,191	35	9 2
Hazelwood	....do	1,191	35	9 2
Williams	....do	1,191	35	9 2
Crane	....do	1,191	35	9 2
S–4	Submarine torpedo boat	876	.....	13 1
S–5	....do	876	.....	13 1
S–6	....do	876	.....	13 1
S–7	....do	876	.....	13 1
S–8	....do	876	.....	13 1
S–9	....do	876	.....	13 1
S–10	....do	876	.....	13 1
S–11	....do	876	.....	13 1
S–12	....do	876	.....	13 1
S–13	....do	876	.....	13 1
S–14	....do	854	.....	13 1
S–15	....do	854	.....	13 1
S–16	....do	854	.....	13 1
S–17	....do	854	.....	13 1
S–18	....do	854	.....	15 10⅞
S–19	....do	854	.....	15 10⅞
S–20	....do	854	.....	15 10⅞
S–21	....do	854	.....	15 10⅞
Holland	Fleet submarine tender	10,600	14	21 ⅞
Dobbin	Destroyer tender	10,600	14	21 ⅞
S–22	Submarine torpedo boat	854	.....	15 10⅞
S–23	....do	854	.....	15 10⅞
S–24	....do	854	.....	14 10⅞
S–25	....do	854	.....	15 10⅞
S–26	....do	854	.....	15 10⅞
S–27	....do	854	.....	15 10⅞
S–28	....do	854	.....	15 10⅞
S–29	....do	854	.....	15 10⅞
S–30	....do	854	.....	15 10⅞
S–31	....do	854	.....	15 10⅞
S–32	....do	854	.....	15 10⅞
S–33	....do	854	.....	15 10⅞
S–34	....do	854	.....	15 10⅞
S–35	....do	854	.....	15 10⅞
S–36	....do	854	.....	15 10⅞
S–37	....do	854	.....	15 10⅞
S–38	....do	854	.....	15 10⅞
S–39	....do	854	.....	15 10⅞
S–40	....do	854	.....	15 10⅞
S–41	....do	854	.....	15 10⅞

NOTE.—The above, with the exception of submarines S–22 to S–41, were authorized in 1916 (64th, 1st) as part of the 3-year program, but construction was not specifically ordered until 1917 (64th, 2d).

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Table 15.—VESSELS AUTHORIZED, 1883–1919 (BY YEARS AND SESSIONS)—Continued.

1917 (64th, 2d)—Continued.

[Emergency fund.]

Names.	Type.	Displacement.	Speed.	Mean draft.
		Tons.	*Knots.*	*Ft. in.*
Hart	Torpedo-boat destroyer	1,191	35	9 2
Ingraham	do	1,191	35	9 2
Ludlow	do	1,191	35	9 2
Rathburne	do	1,154	35	9 0½
Talbot	do	1,154	35	9 0½
Waters	do	1,154	35	9 0½
Dent	do	1,154	35	9 0½
Dorsey	do	1,154	35	9 0½
Lea	do	1,154	35	9 0½
Lamberton	do	1,213	35	9 3⅝
Radford	do	1,213	35	9 3⅝
Montgomery	do	1,213	35	9 3⅝
Breese	do	1,213	35	9 3⅝
Gamble	do	1,213	35	9 3⅝
Ramsay	do	1,213	35	9 3⅝
Tattnall	do	1,211	35	9 4
Badger	do	1,211	35	9 4
Twiggs	do	1,211	35	9 4
Babbitt	do	1,211	35	9 4
De Long	do	1,211	35	9 4
Jacob Jones	do	1,211	35	9 4
Buchanan	do	1,154	35	9 0
Aaron Ward	do	1,154	35	9 0
Hale	do	1,154	35	0 0
Crowninshield	do	1,154	35	9 0
Tillmana	do	1,154	35	9 0
Boggs	do	1,154	35	9 0
Kilty	do	1,154	35	9 0
Kennison	do	1,154	35	9 0
Ward	do	1,154	35	9 0
Claxton	do	1,154	35	9 0
Hamilton	do	1,154	35	9 0
Tarbell	do	1,154	35	9 0½
Yarnall	do	1,154	35	9 0½
Upshur	do	1,154	35	9 0½
Greer	do	1,154	35	9 0½
Elliott	do	1,154	35	9 0½
Roper	do	1,154	35	9 0½
Breckenridge	do	1,154	35	9 0½
Barney	do	1,154	35	9 0½
Blakeley	do	1,154	35	9 0½
Biddle	do	1,154	35	9 0½
Dupont	do	1,154	35	9 0½
Bernadou	do	1,154	35	9 0½
Ellis	do	1,154	35	9 0½
Cole	do	1,154	35	9 0½
Talbott, J. Fred	do	1,154	35	9 0½
Dickerson	do	1,211	35	9 4
Leary	do	1,211	35	9 4
Schenck	do	1,211	35	9 4
Herbert	do	1,211	35	9 4
Palmer	do	1,191	35	9 2
Thatcher	do	1,191	35	9 2
Wralker	do	1,191	35	9 2
Cosby	do	1,191	35	9 2
Meredith	do	1,191	35	9 2
Bush	do	1,191	35	9 2
Cowell	do	1,191	35	9 2
Maddox	do	1,191	35	9 2
Foote	do	1,191	35	9 2
Kalk	do	1,191	35	9 2
Burns	do	1,191	35	9 2
Anthony	do	1,191	35	9 2
Sproston	do	1,191	35	9 2
Rizal	do	1,191	35	9 2
MacKenzie	do	1,191	35	9 2
Renshaw	do	1,191	35	9 2
O'Bannon	do	1,191	35	9 2
Hogan	do	1,191	35	9 2
Howard	do	1,191	35	9 2
Stansbury	do	1,191	35	9 2
Hopewell	do	1,213	35	9 3⅝
Thomas	do	1,213	35	9 3⅝
Haraden	do	1,213	35	9 3⅝
Abbot	do	1,213	35	9 3⅝

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Table 15.—VESSELS AUTHORIZED, 1883–1919 (BY YEARS AND SESSIONS)—Continued.

1917 (64th, 2d)—Continued.

[Emergency fund.]

Names.	Type.	Displacement.	Speed.	Mean draft.	
		Tons.	*Knots.*	*Ft.*	*in.*
Bagley	do	1,213	35	9	3⅜
Litchfield	do	1,215	35	9	4
Zane	do	1,215	35	9	4
Wasmuth	do	1,215	35	9	4
Trever	do	1,215	35	9	4
Perry	do	1,215	35	9	4
Decatur	do	1,215	35	9	4
Hulbert	do	1,215	35	9	4
Noa	do	1,215	35	9	4
William B. Preston	do	1,215	35	9	4
Nos. 1–356	Submarine chasers	[1] 77	18	9	5½
Lapwing	Mine sweeper	950	14	9	9½
Owl	do	950	14	9	9½
Robin	do	950	14	9	9½
Swallow	do	950	14	9	9½
Tanager	do	950	14	9	9½
Cardinal	do	950	14	9	9½
Oriole	do	950	14	9	9½
Curlew	do	950	14	9	9½
Finch	do	950	14	9	9½
Heron	do	950	14	9	9½
Condor [2]	do	950	14	9	9½
Plover [2]	do	950	14	9	9½
Turkey	do	950	14	9	9½
Woodcock	do	950	14	9	9½
Quail	do	950	14	9	9½
Partridge	do	950	14	9	9½
Eider	do	950	14	9	9½
Thrush	do	950	14	9	9½
Avocet	do	950	14	9	9½
Bobolink	do	950	14	9	9½
Lark	do	950	14	9	9½
Widgeon	do	950	14	9	9½
Teal	do	950	14	9	9½
Brant	do	950	14	9	9½
Kingfisher	do	950	14	9	9½
Rail	do	950	14	9	9½
Pelican	do	950	14	9	9½
Falcon	do	950	14	9	9½
Osprey	do	950	14	9	9½
Seagull	do	950	14	9	9½
Tern	do	950	14	9	9½
Flamingo	do	950	14	9	9½
Penguin	do	950	14	9	9½
Swan	do	950	14	9	9½
Whippoorwill	do	950	14	9	9½
Bittern	do	950	14	9	9½

1917 (65th, 1st).

Clemson	Torpedo-boat destroyer	1,215	35	9	4
Dahlgren	do	1,215	35	9	4
Goldsborough	do	1,215	35	9	4
Semmes	do	1,215	35	9	4
Satterlee	do	1,215	35	9	4
Mason	do	1,215	35	9	4
Graham	do	1,215	35	9	4
Abel P. Upshur	do	1,215	35	9	4
Hunt	do	1,215	35	9	4
Welborn C. Wood	do	1,215	35	9	4
George E. Badger	do	1,215	35	9	4
Branch	do	1,215	35	9	4
Herndon	do	1,215	35	9	4
Dallas	do	1,215	35	9	4
No. 200 [1]	do	1,215	35	9	4
No. 201 [1]	do	1,215	35	9	4
No. 202 [1]	do	1,215	35	9	4
No. 203 [1]	do	1,215	35	9	4
No. 204 [1]	do	1,215	35	9	4
No. 205 [1]	do	1,215	35	9	4

[1] Each. [2] Canceled.

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Table 15.—VESSELS AUTHORIZED, 1883–1919 (BY YEARS AND SESSIONS)—Continued.

1917 (65th 1st)—Continued.

Names.	Type.	Displacement.	Speed.	Mean draft.
		Tons.	*Knots.*	*Ft. in.*
Chandler	Torpedo-boat destroyer	1,215	35	9 4
Southard	do	1,215	35	9 4
Hovey	do	1,215	35	9 4
Long	do	1,215	35	9 4
Broome	do	1,215	35	9 4
Alden	do	1,215	35	9 4
Smith Thompson	do	1,215	35	9 4
Barker	do	1,215	35	9 4
Tracy	do	1,215	35	9 4
Borie	do	1,215	35	9 4
John D. Edwards	do	1,215	35	9 4
Whipple	do	1,215	35	9 4
Parrott	do	1,215	35	9 4
Edsall	do	1,215	35	9 4
Mac Leish	do	1,215	35	9 4
Simpson	do	1,215	35	9 4
Bulmer	do	1,215	35	9 4
McCormick	do	1,215	35	9 4
Stewart	do	1,215	35	9 4
Pope	do	1,215	35	9 4
Peary	do	1,215	35	9 4
Pillsbury	do	1,215	35	9 4
Ford	do	1,215	35	9 4
Truxton	do	1,215	35	9 4
Paul Jones	do	1,215	35	9 4
Hatfield	do	1,215	35	9 4
Brooks	do	1,215	35	9 4
Gilmer	do	1,215	35	9 4
Fox	do	1,215	35	9 4
Kane	do	1,215	35	9 4
Humphreys	do	1,215	35	9 1
McFarland	do	1,215	35	9 4
James K. Paulding	do	1,215	36	9 4
Overton	do	1,215	35	9 4
Sturtevant	do	1,215	35	9 4
Childs	do	1,215	35	9 4
King	do	1,215	35	9 4
Sands	do	1,215	35	9 4
Williamson	do	1,215	35	9 4
Reuben James	do	1,215	35	9 4
Bainbridge	do	1,215	35	9 4
Goff	do	1,215	35	9 4
Barry	do	1,215	35	9 4
Hopkins	do	1,215	35	9 4
Lawrence	do	1,215	35	9 4
Belknap	do	1,215	35	9 4
McCook	do	1,215	35	9 4
McCalla	do	1,215	35	9 4
Rodgers	do	1,215	35	9 4
Osmond Ingram	do	1,215	35	9 4
Bancroft	do	1,215	35	9 4
Welles	do	1,215	35	9 4
Aulick	do	1,215	35	9 4
Turner	do	1,215	35	9 4
Gillis	do	1,215	35	9 4
Delphy	do	1,215	35	9 4
McDermut	do	1,215	35	9 4
Laub	do	1,215	35	9 4
McLanahan	do	1,215	35	9 4
Edwards	do	1,215	35	9 4
Greene	do	1,215	35	9 4
Ballard	do	1,215	35	9 4
Shubrick	do	1,215	35	9 4
Bailey	do	1,215	35	9 4
Thornton	do	1,215	35	9 4
Morris	do	1,215	35	9 4
Tingey	do	1,215	35	9 4
Swasey	do	1,215	35	9 4
Meade	do	1,215	35	9 4
Sinclair	do	1,215	35	9 4
McCawley	do	1,215	35	9 4
Moody	do	1,215	35	9 4
Henshaw	do	1,215	35	9 4
Meyer	do	1,215	35	9 4
Doyen	do	1,215	35	9 4
Sharkey	do	1,215	35	9 4
Toucey	do	1,215	35	9 4

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Table 15.—VESSELS AUTHORIZED, 1883–1919 (BY YEARS AND SESSIONS)—Continued

1917 (66th 1st)—Continued.

Names.	Type.	Displacement.	Speed.	Mean draft.
		Tons.	*Knots.*	*Ft. in.*
Breck	Torpedo-boat destroyer	1,215	35	9 4
Isherwood	do	1,215	35	9 4
Case	do	1,215	35	9 4
Lardner	do	1,215	35	9 4
Putnam	do	1,215	35	9 4
Worden	do	1,215	35	9 4
Flusser	do	1,215	35	9 4
Dale	do	1,215	35	9 4
Converse	do	1,215	35	9 4
Reid	do	1,215	35	9 4
Billingsley	do	1,215	35	9 4
Auburn, Chas. S.	do	1,215	35	9 4
Osborne	do	1,215	35	9 4
Chauncey	do	1,215	35	9 4
Fuller	do	1,215	35	9 4
Percival	do	1,215	35	9 4
John Francis Burnes	do	1,215	35	9 4
Farragut	do	1,215	35	9 4
Somers	do	1,215	35	9 4
Stoddert	do	1,215	35	9 4
Reno	do	1,215	35	9 4
Farquhar	do	1,215	35	9 4
Thompson	do	1,215	35	9 4
Kennedy	do	1,215	35	9 4
Paul Hamilton	do	1,215	35	9 4
William Jones	do	1,215	35	9 4
Woodbury	do	1,215	35	9 4
S. P. Lee	do	1,215	35	9 4
Nicholas	do	1,215	35	9 4
Young	do	1,215	35	9 4
Zeilin	do	1,215	35	9 4
Yarborough	do	1,215	35	9 4
La Vallette	do	1,215	35	9 4
Sloat	do	1,215	35	9 4
Wood	do	1,215	35	9 4
Shirk	do	1,215	35	9 4
Kidder	do	1,215	35	9 4
Selfridge	do	1,215	35	9 4
Marcus	do	1,215	35	9 4
Mervin	do	1,215	35	9 4
Chase	do	1,215	35	9 4
Robert Smith	do	1,215	35	9 4
Mullany	do	1,215	35	9 4
Coghlan	do	1,215	35	9 4
Preston	do	1,215	35	9 4
Lamson	do	1,215	35	9 4
Bruce	do	1,215	35	9 4
Hull	do	1,215	35	9 4
MacDonough	do	1,215	35	9 4
Farenholt	do	1,215	35	9 4
Sumner	do	1,215	35	9 4
Corry	do	1,215	35	9 4
Melvin	do	1,215	35	9 4
H–4	Coast submarine	357	12.75	12 4⅜
H–5	do	357	12.75	12 4⅜
H–6	do	357	12.75	12 4⅜
H–7	do	357	12.75	12 4⅜
H–8	do	357	12.75	12 4⅜
H–9	do	357	12.75	12 4⅜
Eagle 1 to Eagle 112 [1]	Patrol vessels	[2] 500	18	7 3
Nos. 407 to 448 [3]	Submarine chasers	[3] 77	18	5 5½
Sanderling	Mine sweeper	950	14	9 9½
Auk	do	950	14	9 9½
Chewink	do	950	14	9 9½
Cormorant	do	950	14	9 9½
Gannet	do	950	14	9 9½
Goshawk [4]	do	950	14	9 9½
Grebe	do	950	14	9 9½
Mallard	do	950	14	9 9½
Ortolan	do	950	14	9 9½
Peacock	do	950	14	9 9½
Pigeon	do	950	14	9 9½
Redwing	do	950	14	9 9½
Raven [4]	do	950	14	9 9½
Shrike [4]	do	950	14	9 9½
Sandpiper	do	950	14	9 9½
Vireo	do	950	14	9 9½
Warbler	do	950	14	9 9½

[1] Nos. 61 to 112 canceled. [2] Each. [3] Six of these canceled. [4] Canceled.

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Table 15.—VESSELS AUTHORIZED, 1883–1919 (BY YEARS AND SESSIONS)—Continued.

Names.	Type.	Displacement.	Speed.	Mean draft.
		Tons.	*Knots.*	*Ft. in.*
Willet	Mine sweeper	950	14	9 9½
Bagaduce	Seagoing tug	1,000	13	14 7
Tadousac	....do	1,000	13	14 7
Kalmia	....do	1,000	13	14 7
Kewaydin	....do	1,000	13	14 7
Umpqua	....do	1,000	13	14 7
Wandank	....do	1,000	13	14 7
Tatnuck	....do	1,000	13	14 7
Sunnadin	....do	1,000	13	14 7
Mahopac	....do	1,000	13	14 7
Sciota	....do	1,000	13	14 7
Koka	....do	1,000	13	14 7
Napa	....do	1,000	13	14 7
Pinola	....do	1,000	13	14 7
Algorma	....do	1,000	13	14 7
Carrabasset	....do	1,000	13	14 7
Contocook	....do	1,000	13	14 7
Iuka	....do	1,000	13	14 7
Keosanqua	....do	1,000	13	14 7
Montcalm	....do	1,000	13	14 7
Nos. 40–45 [1]	....do	[2] 1,000	13	14 7
Nos. 46–85	Harbor tugs	[2] 215	10	8 9
Nos. 86–101	Motor tugs	[2] 54	9.4	5 1
	1918 (65th, 2d.)			
North Carolina	Battleship	43,200	23	33 3½
Massachusetts	....do	43,200	23	33 3½
Iowa	....do	43,200	23	33 3½
United States	Battle cruiser	43,500	33.25	33 0
Trenton	Scout cruiser	7,500	33.7	14 3
Marblehead	....do	7,500	33.7	14 3
Memphis	....do	7,500	33.7	14 3
Preble	Torpedo-boat destroyer	1,215	35	9 4
Sicard	....do	1,215	35	9 4
Pruitt	....do	1,215	35	9 4
No. 348 [2]	....do	1,215	35	9 4
No. 349 [2]	....do	1,215	35	9 4
No. 350 [2]	....do	1,215	35	9 4
No. 351 [2]	....do	1,215	35	9 4
No. 352 [2]	....do	1,215	35	9 4
No. 353 [2]	....do	1,215	35	9 4
No. 354 [2]	....do	1,215	35	9 4
No. 355 [2]	....do	1,215	35	9 4
No. 356 [2]	....do	1,215	35	9 4
No. 357 [2]	....do	1,215	35	9 4
No. 358 [2]	....do	1,215	35	9 4
No. 359 [2]	....do	1,215	35	9 4
V–1 to V–9	Fleet submarines			
S–42	Submarine	906		16 0
S–43	....do	906		16 0
S–44	....do	906		16 0
S–45	....do	906		16 0
S–46	....do	906		16 0
S–47	....do	906		16 0
S–48	....do	993		13 6
S–49	....do	993		13 6
S–50	....do	993		13 6
S–51	....do	993		13 6
Neches	Fuel ship	14,800	14	26 8
Pecos	....do	14,800	14	26 8
Medusa	Repair ship	10,000	16	18 11¾
Heywood	Transport	10,000	16	19 ¾
Whitney	Destroyer tender	10,600	14	21 ½
Nitro	Ammunition ship	10,600	16	20 11
Tulsa	Gunboat	1,575	12	11 9

[1] Canceled. [2] No contract or order placed.

NOTE.—The above complete the 3-year program authorized in 1916 (64th, 1st), construction of these vessels not having been specifically ordered until 1918 (65th, 2d).

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Table 15.—VESSELS AUTHORIZED, 1883–1919 (BY YEARS AND SESSIONS)—Continued.

1919 (66th, 1st).

Names.	Type.	Displacement.	Speed.	Mean draft.
		Tons.	*Knots.*	*Ft. in.*
Langley [1]	Aircraft carrier			
Wright [2]	Aircraft tender			

[1] Formerly U. S. S. *Jupiter;* conversion authorized.
[2] Authorized conversion of two merchant vessels into aircraft carriers. A type B vessel, under construction at Hog Island was completed by the Navy as aircraft tender *Wright;* second vessel not converted.

1920 (66th, 2d).

Kearsarge [3]	Crane ship			

[3] Formerly battleship *Kearsarge.*

Table 16.—HISTORY OF APPROPRIATIONS FOR SUBMARINES AND SUB-SURFACE BOATS.

Act of March 3, 1893, authorized the building of one submarine torpedo boat. This was the original *Plunger,* which was contracted for with the John P. Holland Torpedo Boat Co., March 13, 1895. This boat was never finished and the contract was canceled April, 1900, the amount previously paid toward her construction being credited on new contract of November 19, 1900. This contract was a result of acts of June 10, 1896, and March 3, 1899, and was for a new *Plunger* (A–1), payment being made out of this appropriation of 1893—$200,000.

Act of June 10, 1896, provided for construction of two Holland submarine boats at $175,000 each. This act provided that no action toward purchase of these boats should be taken until boat purchased under act of 1893 should be tested.

Act of March 3, 1899, modified act of June 10, 1896, amending it to permit purchase of two submarines of *Holland* type similar to the *Holland.* One of these was the *Holland,* purchased from the Holland Torpedo Boat Co., for $150,000. The other was the new *Plunger* (A–1), referred to under act of 1892.

Act of June 7, 1900, provided for construction of five submarine torpedo boats of *Holland* type, and the department on August 25, 1900 (referring to acts of 1896, 1899, and 1900), contracted with the Holland Torpedo Boat Co. for *Adder* (A–2), *Grampus* (A–3), *Moccasin* (A–4), *Pike* (A–5), *Propoise* (A–6), and *Shark* (A–7), at $170,000 each. All the above except the *Plunger* were paid for out of appropriations "Increase of the Navy. construction and machinery."

Act of March 3, 1903, authorized the Secretary of the Navy, in his discretion, to contract for or purchase subsurface or submarine torpedo boats, not exceeding $500,000, and provided for certain tests.

Act of April 27, 1904, authorized the Secretary of the Navy to contract for or purchase subsurface or submarine torpedo boats, after they have been fully tested to his satisfaction and found to fulfill all reasonable requirements for submarine warfare. Eight hundred and fifty thousand dollars is appropriated for this purpose, to make up which the sum of $500,000 (or such part thereof as may remain unexpended) is reappropriated in this act. Under this act contract was made with the Electric Boat Co., of New York, for four submarine torpedo boats, building at the Fore River Ship Building Co., Quincy, Mass., named as follows: *Octopus* (C–1), *Viper* (B–1), *Cuttlefish* (B–2), *Tarantula* (B–3).

Act of June 29, 1906, authorized the Secretary of the Navy to contract for or purchase subsurface or submarine torpedo boats to an amount not exceeding $1,000,000, of which sum $500,000 is appropriated.

Act of March 2, 1907, limit of cost of act of June 29, 1906, increased to $3,000,000, of which sum $500,000 (additional to the $500,000 of act of June 29, 1906), is appropriated. Test period is extended until May 29, 1907. No part of this appropriation to be expended for any boat that does not in such test prove to be equal, in the judgment of the Secretary of the Navy, to the best boat now owned by the United States or under contract therefor. Under this act and act of June 29, 1906, contract was made with the Electric Boat Co. for four submarine boats of the *Octopus* type at $285,000 each, and for three others of the same type, though of greater displacement, at $360,000 each. A conditional contract was made with the Lake Torpedo Co. for one (*Seal,* now G–1).

Act of May 13, 1908, provided for eight submarine torpedo boats in an amount not exceeding $3,500,000 in the aggregate; $3,000,000 is appropriated toward said purpose and for the completion of those heretofore authorized. Under this act contract was made with the Electric Boat Co. for six submarine boats, with the American Laurenti Co. for one, and with the Lake Torpedo Boat Co. for one.

Act of March 3, 1909, provided for four submarine torpedo boats in an amount not exceeding $2,000,000 in the aggregate; $3,000,000 is appropriated toward said purpose, and for the completion of those heretofore authorized. Under this act contract was made with the Electric Boat Co. for three and with the Lake Torpedo Boat Co. for one.

Act of June 24, 1910, provided for four submarine torpedo boats in an amount not exceeding $2,000,000 in the aggregate, and $800,000 is appropriated toward said purpose. On account of submarine torpedo boats heretofore authorized, $859,971 is appropriated. Under this act contract was made with the Electric Boat Co. for four submarine boats.

Act of March 4, 1911, provided for four submarine torpedo boats in an amount "not exceeding in the aggregate $2,000,000, and the sum of $800,000 is hereby appropriated for said purpose: *Provided,* That no part of this appropriation shall be expended for the construction of any boat by any person, firm, or corporation which has not at the time of the commencement and construction of said vessel established an eight-hour work day for all employees, laborers, and mechanics engaged, or to be engaged, in the construction of the vessels named herein." Under this act contract was made with the Electric Boat Co. for four submarine boats.

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Act of August 22, 1912, provided for eight submarine torpedo boats in an amount not exceeding $4,480,000 in the aggregate, and $1,600,000 is appropriated toward said purpose. Under this act contract was made with the Electric Boat Co. for five submarine boats and with the Lake Torpedo Boat Co. for three boats.

Act of March 4, 1913, provided for four submarine torpedo boats in an amount not exceeding $2,478,936 in the aggregate, and $1,294,912 appropriated toward said purpose. One of the vessels provided for by this act, *No. 48* (L–8), was authorized by the department to be built at the navy yard, Portsmouth, N. H., in accordance with the designs obtained from the Lake Torpedo Boat Co. at a compensation to the company of $52,700. Contracts were made with the Electric Boat Co. for the construction of the other three boats, *No. 49* (L–9) at $535,000, *No. 50* (L–10) at $535,000, and *No. 51* (L–11) at $523,000.

Act of June 30, 1914, provided for eight or more submarines in an amount not exceeding $4,460,000 in the aggregate, and $1,825,000 appropriated toward said purpose. The appropriation of $300,000 made in the naval act approved March 4, 1913, for testing and wrecking pontoon for submarines, to be available until expended, is made available until expended for the construction of said eight or more submarines.

Contracts were made with the Electric Boat Co. for four of these boats—*No. 52*, the *Schley*, now T–1 (seagoing type), at $1,350,000, *Nos. 53*, *54*, and *55* (N–1, N–2, and N–3) at $450,000 each; *No. 52* to be built by the Fore River Shipbuilding Corporation, Quincy, Mass., as subcontractor, and the other three by the Seattle Construction & Dry Dock Co., Seattle, Wash., as subcontractor.

Contracts were made with the Lake Torpedo Boat Co. for the other four boats, *Nos. 56*, *57*, *58*, and *59* (N–4, N–5, N–6, and N–7), at $427,000 each. All four of these vessels were built at Bridgeport, Conn., by the Lake company itself.

Act of March 3, 1915, provided for two submarines of seagoing type and 25 knots speed at not exceeding $1,500,000 each, and 16 submarines at not exceeding $550,000 each, and appropriated the sum of $4,090,000 toward said purposes.

Under the provisions of this act contracts were made with the Electric Boat Co. for the two seagoing submarines. These vessels are submarines *Nos. 60* and *61* and are named T–2 and T–3 respectively and are essentially duplicates of *No. 52* (T–1, ex-*Schley and AA–1*). Contracts for the 16 submarines authorized under this act were awarded as follows:

No. 62 (O–1), navy yard, Portsmouth, N. H.

No. 63 (O–2) navy yard, Puget Sound, Wash.

These vessels built from Electric Boat Co.'s plans for O–3 to O–10.

Nos. 64 to *71* (O–3 to O–10 inclusive), Electric Boat Co., Quincy, Mass.

Nos. 72 to *74* (O–11 to O–13 inclusive), Lake Torpedo Boat Co., Bridgeport, Conn.

Nos. 75 to *77* (O–14 to O–16 inclusive), California Ship Building Co., San Pedro, Calif. To be duplicates of O–11 to O–13.

Act of August 29, 1916, provides for—

"Nine fleet submarines;

"Fifty-eight coast submarines, of which number, 3, to have a surface displacement of about 800 tons each, to cost, exclusive of armor and armament, not to exceed $1,200,000 each, and 27, which shall be the best and most desirable and useful type of submarine which can be procured at a cost, exclusive of armor and armament, not to exceed $700,000 each, shall be begun as soon as practicable; and the sum of $8,217,000 is hereby appropriated for the construction of said submarines, to be available until expended. Not less than 12 of the submarines herein authorized, to be begun as soon as practicable, shall be built on the Pacific coast: *Provided*, That the cost of construction on the Pacific coast does not exceed the cost of construction on the Atlantic coast plus the cost transportation from the Atlantic to the Pacific.

"One submarine, equipped with the Neff system of submarine propulsion, exclusive of armor and armament, $250,000: *Provided*, That the owners of the Neff system of submarine propulsion will construct, in accordance with drawings, plans, and specifications provided by them, one coast-defense submarine of about 150 tons displacement when submerged, carrying armor and armament similar and equal to that of the 'C' class of submarines, with fittings, equipment, machinery, devices, appliances, and appurtenances of every kind with latest improvements, complete in all respects, and suitable for naval purposes: *Provided further*, That the money appropriated for this purpose shall not be paid to the builders of said boat until the same has been completed, passed satisfactory service tests, and been accepted by the Secretary of the Navy; but upon such completion, tests, and acceptance by the Secretary of the Navy, the sum appropriated shall be paid. * * *

The act of August 29, 1916, also authorized a premium of 20 per cent on the cost of all vessels appropriated for in that act, under certain conditions.

Contracts for the 27 submarines authorized by this act have been placed as follows:

Nos. 78 to *97* (R–1 to R–20, inclusive), Electric Boat Co. R–1 to R–14 were built at Bethlehem Shipbuilding Co., Quincy, Mass.; R–15 to R–20 were built at Bethlehem Shipbuilding Co., Union Plant, San Francisco, Calif.

Nos. 98 to *104* (R–21 to R–27, inclusive), Lake Torpedo Boat Co., Bridgeport, Conn.

Contracts for the three submarines of 800 tons were made as follows:

No. 105 (S–1), Electric Boat Co., building at Bethlehem Shipbuilding Co., Quincy, Mass.

No. 106 (S–2), Lake Torpedo Boat Co., Bridgeport, Conn.

No. 107 (S–3), navy yard, Portsmouth, N. H., on department's plans and specifications.

Act of March 4, 1917, provides that "Of the vessels authorized in the 'Act making appropriations for the naval service for the fiscal year ending June thirtieth, nineteen hundred and seventeen, and for other purposes,' approved August 29, 1916, the construction of * * * eighteen coast submarines, to have a surface displacement of about 800 tons each, $1,300,000 each * * * shall be begun as soon as practicable."

Ten boats, *Nos. 109* to *118* (S–4 to S–13, inclusive), nvay yard, Portsmouth, N. H. Duplicates of S–3.

Four boats, *Nos. 119* to *122* (S–14 to S–17, inclusive), Lake Torpedo Boat Co., Bridgeport, Conn. Duplicates of S–3 except as to engines.

Four boats, *Nos. 123* to *126* (S–18 to S–21, inclusive), Electric Boat Co., building at Bethlehem Shipbuilding Co., Quincy, Mass. Duplicates of S–1.

Act of March 4, 1917, provides for 20 further coast submarines as follows:

"In addition to the eighteen submarines hereinbefore appropriated for, the Secretary of the Navy is hereby authorized and directed to proceed at once to cause to be constructed twenty coast submarines to have a surface displacement of about eight hundred tons each at a cost not to exceed $1,300,000 each exclusive of armor and armament, on the most approved lines according to plans and specifications to be provided or adopted by the Secretary of the Navy. The same may be let by contract to private builders or constructed by the Government in navy yards, or both, as may be directed by the Secretary of the Navy. Said twenty submarines shall be constructed on the Pacific coast: *Provided*, That the cost of construction on the Pacific coast does not exceed the cost of construction on the Atlantic coast plus the cost of transportation from the Atlantic to the Pacific. Eighteen million dollars is hereby appropriated toward the construction of said submarines."

Contracts for the 20 additional submarines authorized by the act of March 4, 1917, were made as follows:

Eight boats, *Nos. 127* to *134* (S–22 to S–29, inclusive), Electric Boat Co., building at Bethlehem Shipbuilding Co., Quincy, Mass. Duplicates of S–1.

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Twelve boats, *Nos. 135* to *146* (S-30 to S-41, inclusive), Electric Boat Co., building at Bethlehem Shipbuilding Co., Union Plant, San Francisco, Calif. Duplicates of S-1.

The department, under the authority contined in the naval act, approved March 4, 1917, under the title Naval Emergency Fund, contracted with the Electric Boat Co., for submarines *Nos. 147* to *152*, *H-4* to *H-9*, inclusive. These vessels were purchased complete in their knocked-down condition, as prepared for shipment to the Russian Government, and erected and put into service at the navy yard, Puget Sound, Wash.

The deficiency act of June 15, 1917, raised the limit of cost $10,000 each on 46 submarines then under construction.

In the act of August 29, 1916, covering the three-year program, there were 58 coast submarines authorized and 9 fleet submarines. This act authorized the beginning of the construction, during the fiscal year 1917, of 30 coast submarines. The act of March 4, 1917, provided for beginning construction, during the fiscal year 1918, of 18 coast submarines, making a total of 48 of the 58 coast submarines, and leaving 10 coast submarines and 9 fleet submarines, which were specifically authorized in the act of July 1, 1918, to be begun by June 30, 1919, under the provision reading as follows:

"Of the vessels authorized to be constructed prior to July 1, 1919, in the 'Act making appropriations for the naval service for the fiscal year ending June 30, 1917, and for other purposes,' approved August 29, 1916, the construction of which has not heretofore specifically been directed to be begun, shall be begun as soon as practicable, but not later than June 30, 1919."

Contracts for the 10 coast submarines remaining of the 58 authorized by the act of August 29, 1916, were made as follows:

Six boats, *Nos. 153* to *158* (S-42 to S-47), Electric Boat Co., building at Bethlehem Shipbuilding Co., Quincy, Mass.

Four boats, *Nos. 159* to *162* (S-48 to S-51), Lake Torpedo Boat Co., Bridgeport, Conn. Modified S-3 design.

Of the 9 fleet submarines, the department has ordered *Nos. 163* to *165* (*V-1* to *V-3*), inclusive, to be built at the navy yard, Portsmouth, N.H. The contracts or orders for the remaining 6 fleet submarines authorized by this act have not yet been placed. No progress appears to have been made by the owners of the Neff system under the conditions provided by the act of August 29, 1916.

The act of July 1, 1918, provides $25,000 increase in limit of cost of coast submarines authorized in the act of August 29, 1916.

The last clause of the provision quoted above, "but not later than June 30, 1919," was repealed in the act of July 11, 1919, which furthermore increased limits of cost of certain vessels authorized in and after the act of August 29, 1916, as follows:

Submarines (R) numbered *21*, *22*, *23*, *24*, *25*, *26*, and *27*, from $700,000 to $875,000.

Submarines (S) numbered *1*, *2*, and *3*, from $1,200,000 to $1,500,000.

Submarines (S) from *No. 4* to *No. 41*, both inclusive, from $1,300,000 to $1,750,000.

The naval act, approved June 4, 1920, further increased the limits of cost for the following vessels:

Submarine (S) numbered *1*, from $1,500,000 to $1,750,000.

Submarines (R) numbered *21*, *22*, *23*, *24*, *25*, *26*, and *27*, from $875,000 to $975,000.

Table 17.—COST OF CONSTRUCTION OF SHIPS (COMPLETED) OF THE NAVY, JUNE 30, 1921.

[Does not include vessels constructed prior to 1883 nor vessels purchased during Spanish and World Wars.]

Ships.	Number under which authorized.	Hull and machinery, including armor.	Equipage, including armament on charge.	Total.
Battleships, first line:				
Delaware	28	$6,830,795.88	$1,628,182.01	$8,458,977.89
North Dakota	29	7,246,687.04	1,439,241.47	8,685,928.51
Florida	30	8,983,865.74	1,373,762.15	10,357,627,89
Utah	31	7,002,295,02	1,951,781,64	8,954,076.66
Wyoming	32	9,252,338.06	1,990,024.28	11,242,362.34
Arkansas	33	8,376,927.46	1,830,163.77	10,207,091.23
New York	34	9,692,581.97	1,673,226.76	11,365,808.73
Texas	35	9,373,440.38	1,805,755.21	11,179,195.59
Nevada	36	9,924,556.64	1,630,854.42	11,555,411.06
Oklahoma	37	10,131,606.99	1,639,339.78	11,770,946.77
Pennsylvania	38	11,736,236.43	2,056,772.91	13,793,009.34
Arizona	39	11,079,916.93	1,913,662.30	12,993,579.23
New Mexico	40	13,284,240.69	2,703,976.52	15,988,217.21
Mississippi	41	11,758,598.41	2,867,381.40	14,625,979.81
Idaho	42	11,798,354.81	2,645,602.70	14,443,957.51
Tennessee	43	17,990,473.00	446,681.19	18,437,154.19
California	44	18,940,921.02	.....	18,940,921.02
Maryland	46	19,694,786.17	.....	19,694,786.17
Total	.....	203,098,622.64	29,596,408.51	232,695,031.15
Battleships, second line:				
Oregon	3	5,912,021.90	.....	5,912,021.90
Kentucky	6	4,418,094.99	.....	4,418,094.99
Illinois	7	4,073,429.26	.....	4,073,429.26
Alabama	8	4,077,010.09	.....	4,077,010.09
Wisconsin	9	4,162,617.53	.....	4,162,617.53
Maine	10	4,567,464.52	.....	4,567,464.52
Missouri	11	4,438,925.08	.....	4,438,925.08
Ohio	12	4,475,375.45	630,397.59	5,105,773.04
Virginia	13	5,491,036.12	.....	5,491,036.12
Nebraska	14	5,679,515.96	.....	5,679,515.96

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Table 17.—COST OF CONSTRUCTION OF SHIPS (COMPLETED) OF THE NAVY, JUNE 30, 1921—Continued.

[Does not include vessels constructed prior to 1883 nor vessels purchased during Spanish and World Wars.]

Ships.	Number under which author-ized.	Hull and machinery, including armor.	Equipage, including armament on charge.	Total.
Batttleships, second line—Continued.				
Georgia	15	$5,541,279.58		$5,541,279.58
New Jersey	16	5,385,806.41		5,385,806.41
Rhode Island	17	5,360,125.52		5,360,125.52
Connecticut	18	6,394,757.77	$1,065,476.92	7,460,234.69
Louisiana	19	6,065,531.19		6,065,531.19
Vermont	20	6,166,267.28		6,166,267.28
Kansas	21	6,208,540.89	1,134,693.51	7,343,234.40
Minnesota	22	6,149,874.47	1,328,398.56	7,478,273.03
New Hampshire	25	5,976,236.99		5,976,236.99
South Carolina	26	5,669,186.53		5,669,186.53
Michigan	27	5,693,619.87		5,693,619.87
Total		111,906,717.40	4,158,966.58	116,065,683.98
Armored cruisers:				
Pittsburgh	4	4,857,086.24	841,155.31	5,698,241.55
Huntington	5	4,885,216.51		4,885,216.51
Pueblo	7	4,831,941.38	163,557.77	4,995,499.15
Frederick	8	4,874,874.16	612,439.53	5,487,313.69
Huron	9	4,735,160.58	773,933.88	5,509,094.46
Seattle	11	5,201,905.64		5,201,905.64
Charlotte	12	4,779,380.27		4,779,380.27
Missoula	13	4,781,089.20		4,781,089.20
Total		38,946,653.98	2,391,086.49	41,337,740.47
Cruisers, first class:				
Brooklyn	3	3,944,820.73		3,944,820.73
Charleston	22	3,167,234.16	562,421.76	3,729,655.92
Rochester	2	3,897,840.32	481,148.78	4,378,989.10
St. Louis	3	3,173,782.63	488,906.01	3,662,688.64
Total		14,183,677.84	1,532,476.55	15,716,154.39
Cruisers, second class:				
Chicago	1	1,150,000.00	156,498.13	1,306,498.13
Minneapolis	13	3,403,707.07		3,403,707.07
Old Columbia	12	3,461,930.26		3,461,960.26
Olympia	6	2,484,027.54	290,212.57	2,774,240.11
Total		10,499,694.87	446,710.70	10,946,405.57
Cruisers, third class:				
Birmingham	2	1,629,956.43	323,993.32	1,953,949.75
Chattanooga	16	1,378,445.75	49,463.49	1,427,909.24
Chester	1	1,766,293.52		1,766,293.52
Cleveland	19	1,098,320.33	271,881.36	1,370,201.69
Denver	14	1,136,146.06	236,808.86	1,372,954.92
Des Moines	15	1,156,256.68		1,156,256.68
Galveston	17	1,426,850.73	259,530.53	1,686,381.26
Marblehead	11	1,061,426.30		1,061,426.30
Salem	3	1,619,325.00	323,855.90	1,943,180.90
Tacoma	18	1,113,395.45	255,244.18	1,368,639.63
Total		13,386,416.25	1,720,777.64	15,107,193.89
Monitors:				
Cheyenne	10	1,372,093.16	189,131.52	1,561,224.68
Monadnock	3	2,549,170.70		2,549,170.70
Monterey	6	2,301,104.75	239,043.38	2,540,148.13
Ozark	7	1,413,962.99		1,413,962.99
Tallahassee	9	1,307,130.91	183,154.99	1,490,285.90
Tonopah	8	1,396,488.61		1,396,488.61
Total		10,339,951.12	611,329.89	10,951,281.01
Destroyers, total		445,313,480.98	62,413,313.30	507,726,794.28
Submarines, total		83,549,972.38	4,789,213.55	88,329,185.93
Gunboats:				
Annapolis	10	278,131.52		278,131.52
Asheville	21	1,339,395.61	109,626.62	1,449,022.23
Dolphin		350,000.00	110,207.08	460,207.08
Dubuque	17	334,974.23		334,974.23
Helena	9	439,669.05	154,431.93	585,100.98
Monocacy	20	145,281.74	36,415.06	181,696.80
Nashville	7	476,722.06		476,722.06
Newport	12	298,615.14		298,615.14
Paducah	18	392,698.97	164,743.72	557,442.69
Palos	16	146,153.99	30,061.16	176,215.15

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Table 17.—COST OF CONSTRUCTION OF SHIPS (COMPLETED) OF THE NAVY, JUNE 30, 1921—Continued.

Ships.	Number under which author-ized.	Hull and machinery, including armor.	Equipage, including armament on charge.	Total.
Gunboats—Continued.				
Sacramento	19	$472,166.42	$130,044.71	$602,211.13
Vicksburg	11	286,050.92	.....	286,050.92
Wheeling	14	256,069.19	.....	256,069.19
Wilmington	8	424,868.65	156,458.05	581,326.70
Total	.....	5,631,797.49	891,988.33	6,523,785.82
Patrol boats (Eagles), total	.....	37,336,841.01	3,627,400.38	40,964,241.93
Submarine chasers, total	.....	7,599,316.23	105,589.96	7,704,906.91
Tugs and mine sweepers, total	.....	49,478,861.92	1,960,260.84	51,439,122.76
Tenders:				
Bushnell	2	949,277.80	230,731.60	1,180,009.40
Fulton	1	515,491.77	94,865.45	610,357.22
Melville	2	1,322,794.69	316,082.97	1,638,877.66
Total	.....	2,787,564.26	641,680.02	3,429,244.28
Transport Henderson	1	1,827,066.67	404,813.59	2,231,880.26
Supply ship Bridge	1	1,256,250.52	202,389.62	1,458,640.14
Hospital ship Relief	1	4,406,771.15	313,962.93	4,720,734.08
Fuel ships:				
Brazos	16	2,600,446.68	134,258.33	2,734,705.01
Cuyama	15	1,043,022.03	200,375.39	1,243,397.42
Jason	12	971,869.99	158,050.49	1,129,920.48
Kanawha	13	977,796.75	173,183.68	1,150,980.43
Mars	6	514,634.05	72,216.51	586,850.56
Maumee	14	1,251,134.61	197,532.69	1,448,667.30
Neches	17	2,762,677.83	299,015.34	3,061,693.17
Neptune	8	914,545.55	160,065.00	1,074,610.55
Nereus	10	1,023,854.15	162,929.34	1,186,783.49
Orion	11	974,823.72	136,869.26	1,111,692.98
Pecos	18	2,326,604.07	.....	2,326,604.07
Proteus	9	998,652.53	155,469.49	1,154,122.02
Vulcan	5	515,136.49	85,774.56	600,911.05
Total	.....	16,875,198.45	1,935,740.08	18,810,938.53
Special type:				
Baltimore	3	1,554,483.94	264,184.59	1,818,668.53
Crane ship No. 1 (ex-Kearsarge)	1	4,429,890.69	.....	4,429,890.69
Nitro	1	3,877,235.98	142,7458.06	4,019,981.04
Promethus	2	1,605,622.20	228,838.80	1,834,461.00
Pyro	2	3,713,396.92	331,177.55	4,044,574.47
San Francisco	5	1,738,257.82	304,249.77	2,042,507.59
Vestal	1	1,625,417.26	287,192.50	1,912,609.76
Total	.....	18,544,304.81	1,558,388.27	20,102,693.08
Unserviceable for war purposes:				
Boston	14	1,067,200.45	.....	1,067,200.45
C. T. B. No. 6	6	94,923.87	.....	94,923.87
Cumberland	.....	427,463.37	15,468.15	442,931.52
Intrepid	.....	403,948.19	14,032.68	417,980.87
Philadelphia	4	1,561,392.47	.....	1,561,392.47
Vesuvius	.....	360,007.94	100,538.26	460,546.20
Total	.....	3,914,936.29	130,039.09	4,044,975.38
Vessels dropped from Navy list; lost, destroyed, sold, etc.:				
Amphitrite	.....	1,951,868.17	.....	1,951,868.17
Anniston	.....	1,050,933.54	.....	1,050,933.54
Castine	.....	510,878.13	.....	510,878.13
C.B. No. I (ex-Indiana)	.....	5,333,708.05	.....	5,333,708.05
C. B. No. 2. (ex-Massachusetts)	.....	5,401,844.97	.....	5,401,844.97
C. B. No. 4 (ex-Iowa)	.....	5,162,587.12	.....	5,162,587.12
Cincinnati	.....	2,023,326.91	.....	2,023,326.91
Machias	.....	502,502.32	.....	502,502.32
Marietta	.....	260,572.02	.....	260,572.02
Petrel	.....	309,981.65	.....	309,981.65
Raleigh	.....	1,867,934.32	.....	1,867,934.32
Submarine chasers	.....	16,791,030.89	.....	16,791,030.89
Torpedo boats	.....	2,757,587.30	.....	2,757,587.30
Yorktown	.....	548,906.61	.....	548,906.61
Total	.....	44,473,662.00	.....	44,473,662.00
Grand total	.....	1,125,357,758.26	119,432,536.32	1,244,790,294.58

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Table 18.—COST OF CONSTRUCTION OF SHIPS (UNDER CONSTRUCTION) OF THE NAVY, JUNE 30, 1921.

Vessel.	Amount.
BATTLESHIPS.	
Colorado	$14,010,239.57
Washington	14,030,595.39
West Virginia	12,699,151.74
South Dakota	9,786,137.37
Indiana	6,031,647.65
Montana	7,780,948.21
North Carolina	7,785,987.38
Iowa	9,372,211.27
Massachusetts	2,903,443.15
Total	84,400,361.73
BATTLE CRUISERS.	
Lexington	4,573,802.85
Constellation	5,473,193.81
Saratoga	5,563,257.33
Ranger	2,517,731.40
Constitution	2,648,368.36
United States	1,290,413.28
Total	22,066,767.03
SCOUT CRUISERS.	
Omaha	5,681,498.41
Milwaukee	5,538,401.09
Cincinnati	5,327,536.25
Raleigh	3,252,755.38
Detroit	3,253,395.66
Richmond	4,591,817.73
Concord	4,591,717.65
Trenton	2,936,979.12
Marblehead	2,935,216.78
Memphis	2,937,308.28
Total	41,046,626.35
DESTROYERS.	
Decatur	197,463.35
Perry	208,250.76
Trever	388,889.05
Wasmuth	461,738.82
Total	1,256,341.98
SUBMARINES.	
S-10	1,429,397.15
S-11	1,388,790.98
S-12	1,383,592.65
S-13	1,384,286.59
S-18	1,440,010.58
S-19	1,438,686.55
SUBMARINES—continued.	
S-20	$1,440,051.13
S-21	1,440,011.56
S-22	1,440,011.57
S-23	1,440,008.60
S-24	1,440,014.65
S-25	1,440,011.67
S-26	1,440,011.68
S-27	1,440,011.72
S-28	1,441,580.63
S-29	1,440,548.61
S-31	1,219,371.80
S-32	1,219,319.30
S-33	1,219,297.04
S-34	1,219,737.27
S-35	1,219,488.62
S-36	1,219,473.23
S-37	1,219,475.36
S-38	1,219,473.19
S-39	1,219,473.16
S-40	1,219,496.76
S-41	1,219,473.51
S-42	573,714.88
S-43	567,980.59
S-44	567,980.57
S-45	567,980.55
S-46	567,980.54
S-47	562,844.75
S-48	1,523,977.18
S-49	1,523,972.93
S-50	1,523,973.20
S-51	1,528,605.65
T-2	1,444,422.84
V-1	250,236.75
V-2	219,077.34
V-3	193,803.30
Total	47,897,656.63
TENDERS.	
Dobbin	2,423,901.56
Holland	612,130.38
Whitney	724,810.32
Total	3,760,842.26
GUNBOATS.	
Tulsa	933,589.92
SPECIAL TYPE.	
Medusa	2,018,049.55
Grand total	203,380,235.45

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Table 19.—AVERAGE COST OF MAINTAINING SHIPS IN COMMISSION (BY TYPES OF SHIPS).

[Fiscal year 1921.]

Class.	Number.	Tonnage.	Average months in commission.	Total cost.	Average cost per vessel for 12 months.
Battleships:					
First line	17	435,450	12	$40,354,509.96	$2,373,794.70
Second line	6	91,448	10	5,697,076.40	1,139,415.28
Armored cruisers	7	98,220	7	2,987,905.88	731,732.05
Cruisers:					
First class	4	36,765	10.5	3,955,312.10	1,030,089.17
Second class	4	25,065	10.7	3,157,974.34	885,413.36
Third class	11	37,070	11.6	7,466,145.98	702,146.59
Monitors	3	10,534	10.3	754,640.18	293,064.14
Destroyers	267	317,960	10.7	66,871,727.27	280,885.13
Submarines	97	39,965	11.6	7,991,988.53	85,232.72
Submarine chasers	83	6,391	10.6	1,217,996.50	16,614.02
Eagle boats	55	27,506	11.8	4,275,750.76	79,058.57
Tenders to torpedo boats	15	72,981	12	10,584,462.98	705,630.87
Gunboats	15	13,307	11.3	2,395,400.01	169,585.84
Transports	2	18,500	12	1,790,293.01	895,146.51
Supply ships	4	29,575	12	2,064,720.90	516,180.22
Hospital ships	5	39,004	12	2,509,027.31	501,805.46
Fuel ships	20	223,759	12	8,443,442.16	422,172.11
Mine Sweepers	45	34,250	11.7	5,104,085.14	116,332.42
Converted yachts and patrol vessels	9	4,798	11.2	1,295,347.58	152,985.21
Tugs	14	10,508	11.3	947,987.53	71,908.03
Motor patrol	8	477	12	77,926.27	9,740.78
Special type	5	38,381	12	4,559,346.83	911,869.37

Table 20.—ARMAMENTS AND COMPLEMENTS OF SHIPS.

BATTLESHIPS—SINGLE CALIBER.

	Name and official number.	Batteries.						Officers.	Men.[1]
		Guns.				Torpedo tubes.			
		Turret.	Secondary.	Antiaircraft.	Saluting.	Submerged.	Above water.		
1	Arizona (39)	12 14", 45 cal.	14 5", 51 cal.	8 3", 50 cal.	4 3-pdr	2 21"		66	1,307
2	Arkansas (33)	12 12", 50 cal.	16 5", 51 cal.	8 3", 50 cal.	4 3-pdr	2 21"		64	1,364
3	California (44)	12 14", 50 cal.	12 5", 51 cal.	8 3", 50 cal.	4 6-pdr	2 21"		65	1,341
4	Colorado (45)	8 16", 45 cal.	12 5", 51 cal.	8 3", 50 cal.[2]	4 6-pdr	2 21"		65	1,341
5	Delaware (28)	10 12", 45 cal.	14 5", 51 cal.	8 3", 50 cal.	4 3-pdr	2 21"		62	1,262
6	Florida (30)	10 12", 45 cal.	16 5", 51 cal.	8 3", 50 cal.	4 6-pdr	2 21"		64	1,260
7	Idaho (42)	12 14", 50 cal.	12 5", 51 cal.	8 3", 50 cal.	4 3-pdr	2 21"		66	1,307
8	Maryland (46)	8 16", 45 cal.	12 5", 51 cal.	8 3", 50 cal.[2]	4 6-pdr	2 21"		65	1,341
9	Michigan (27)	8 12", 45 cal.	12 3", 50 cal.	2 3", 50 cal.	2 3-pdr	2 21"		48	1,896
10	Mississippi (41)	12 14", 50 cal.	12 5", 51 cal.	8 3", 50 cal.	4 6-pdr	2 21"		66	1,307
11	Montana (51)	12 16", 50 cal.	14 6", 53 cal.	8 3", 50 cal.[2]	4 6-pdr	2 21"		68	1,548
12	Nevada (36)	10 14", 45 cal.	12 5", 51 cal.	8 3", 50 cal.	4 6-pdr	2 21"		63	1,261
13	New Mexico (40)	12 14", 50 cal.	12 5", 51 cal.	8 3", 50 cal.	4 6-pdr	2 21"		66	1,347
14	New York (34)	10 14", 45 cal.	14 5", 51 cal.	8 3", 50 cal.	4 3-pdr	4 21"		64	1,383
15	North Carolina (52)	12 16", 50 cal.	14 6", 53 cal.	8 3", 50 cal.[2]	4 6-pdr	2 21"		68	1,548
16	North Dakota (29)	10 12", 45 cal.	14 5", 51 cal.	8 3", 50 cal.	4 3-pdr	2 21"		63	1,260
17	Oklahoma (37)	10 14", 45 cal.	12 5", 51 cal.	8 3", 50 cal.	4 3-pdr	2 21"		63	1,261
18	Pennsylvania (28)	12 14", 45 cal.	14 5", 51 cal.	8 3", 50 cal.	4 3-pdr	2 21"		66	1,313
19	South Carolina (26)	8 12", 45 cal.	12 3", 50 cal.	2 3", 50 cal.	2 6-pdr	2 21"		48	1,296
20	South Dakota (49)	12 16", 50 cal.	14 6", 53 cal.	8 3", 50 cal.[2]	4 6-pdr	2 21"		68	1,548
21	Tennessee (43)	12 14", 50 cal.	12 5", 51 cal.	8 3", 50 cal.	4 6-pdr	2 21"		65	1,341
22	Texas (35)	10 14", 45 cal.	16 5", 51 cal.	8 3", 50 cal.	4 3-pdr	2 21"		64	1,583
23	Utah (31)	10 12", 45 cal.	16 5", 51 cal.	8 3", 50 cal.	4 3-pdr	2 21"		64	1,260
24	Washington (47)	8 16", 45 cal.	12 5", 51 cal.	8 3", 50 cal.	4 6-pdr	2 21"		62	1,341
25	West Virginia (48)	8 16", 45 cal.	12 5", 51 cal.	8 3", 30 cal.[2]	4 6-pdr	2 21"		65	1,341
26	Wyoming (32)	12 12", 50 cal.	16 5", 51 cal.	8 3", 50 cal.	4 6-pdr	2 21"		64	1,364
27	Number 50, Indiana	12 16", 50 cal.	14 6", 53 cal.	8 3", 50 cal.[2]	4 6-pdr	2 21"		68	1,848
28	Number 53, Iowa	12 16", 50 cal.	14 6", 53 cal.	8 3", 50 cal.[2]	4 6-pdr	2 21"		68	1,548
29	Number 54, Mass.	12 16", 50 cal.	14 6", 53 cal.	8 3", 50 cal.[2]	4 6-pdr	2 21"		68	1,548

[1] Includes marines: also chief petty officers.

[2] To get eight 5", 25-caliber antiaircraft.

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Table 20.—ARMAMENTS AND COMPLEMENTS OF SHIPS—Continued.

BATTLESHIPS—MIXED CALIBER.

	Name and official number.	Batteries.						Officers.	Men.
		Guns.				Torpedo tubes.			
		Turret.	Secondary.	Antiaircraft.	Saluting.	Submerged.	Above water.		
1	Connecticut (18)	4 12", 45 cal.; 8 8", 45 cal.	12 3", 50 cal.	12 3", 50 cal.	26-pdr	4 21"	.....	56	1,140
2	Georgia (15)	4 12", 40 cal.; 8 8", 45 cal.	8 3", 50 cal.	2 3", 50 cal.	26-pdr	4 21"	.....	63	1,012
3	Illinois (7)	4 13", 35 cal.	8 6", 40 cal.	2 3", 50 cal.	26-pdr	.....	.....	54	765
4	Kansas (21)	4 12", 45 cal.; 8 8", 45 cal.	12 3", 50 cal.	2 3", 50 cal.	26-pdr	4 21"	.....	56	1,143
5	Kearsarge (5)	.....	.....	.....	.....	.....	.....	.....	227
6	Kentucky (6)	4 13", 45 cal.; 14 8", 35 cal.	8 5", 40 cal.	2 3", 50 cal.	26-pdr	.....	.....	49	815
7	Louisiana (19)	4 12", 45 cal.; 8 8", 45 cal.	12 3", 50 cal.	2 3", 50 cal.	26-pdr	4 21"	.....	56	1,143
8	Minnesota (22)	4 12", 45 cal.; 8 8", 45 cal.	12 3", 50 cal.	2 3", 50 cal.	46-pdr	4 21"	.....	56	1,143
9	Nebraska (14)	4 12", 40 cal.; 8 8", 45 cal.	8 3", 50 cal.	2 3", 50 cal.	23-pdr	4 21"	.....	63	1,012
10	New Hampshire (25)	4 12", 45 cal.; 8 8", 45 cal.	12 3", 50 cal.	2 3", 50 cal.	26-pdr	4 21"	.....	56	1,143
11	New Jersey (16)	4 12", 40 cal.; 8 8", 45 cal.	6 3", 50 cal.	2 3", 50 cal.	23-pdr	4 21"	.....	63	1,067
12	Ohio (12)	4 12", 40 cal.	4 6", 50 cal.	2 3", 50 cal.	26-pdr	2 18"	.....	55	965
13	Rhode Island (17)	4 12", 40 cal.; 8 8", 45 cal.	6 3", 50 cal.	2 3", 50 cal.	25-pdr	4 21"	.....	63	1,012
14	Vermont (20)	4 12", 45 cal.; 8 8", 45 cal.	12 3", 50 cal.	2 3", 50 cal.	46-pdr	4 21"	.....	56	1,143
15	Virginia (13)	4 12", 40 cal.; 8 8", 45 cal.	6 3", 50 cal.	2 3", 50 cal.	46-pdr	4 21"	.....	63	1,012
16	Constellation (2)	8 16", 50 cal.	16 6", 53 cal.	4 3", 50 cal.	46-pdr	4 21"	4 21"	70	1,380
17	Constitution (5)	8 16", 50 cal.	16 6", 53 cal.	4 3", 50 cal.	46-pdr	4 21"	4 21"	70	1,380
18	Lexington (4)	8 16", 50 cal.	16 6", 53 cal.	4 3", 50 cal.	46-pdr	4 21"	4 21"	70	1,380
19	Ranger (4)	8 16", 50 cal.	16 6", 53 cal.	4 3", 50 cal.	46-pdr	4 21"	4 21"	70	1,380
20	Saratoga (3)	8 16", 50 cal.	16 6", 53 cal.	4 3", 50 cal.	46-pdr	4 21"	4 21"	70	1,380
21	Number 6, U. S.	8 16", 50 cal.	16 6", 53 cal.	4 3", 50 cal.	46-pdr	4 21"	4 21"	70	1,380

ARMORED CRUISERS.

1	Charlotte (12)	4 10", 40 cal.	16 6", 50 cal.; 12 3", 50 cal.	2 3", 50 cal.	46-pdr	4 21"	.....	45	856
2	Frederick (8)	4 8", 45 cal.	14 6", 50 cal.; 10 3", 50 cal.	2 3", 50 cal.	43-pdr	2 18"	.....	45	600
3	Huntington (5)	4 8", 45 cal.	14 6", 50 cal.; 10 3", 50 cal.	2 3", 50 cal.	43-pdr	2 18"	.....	45	790
4	Huron (9)	4 8", 45 cal.	14 6", 50 cal.; 10 3", 50 cal.	2 3", 50 cal.	43-pdr	2 18"	.....	45	791
5	Missoula (13)	4 10", 40 cal.	16 6", 50 cal.; 12 3", 50 cal.	2 3", 50 cal.	43-pdr	4 21"	.....	45	856
6	Pittsburgh (4)	4 8", 45 cal.	14 6", 50 cal.; 10 3", 50 cal.	2 3", 50 cal.	43-pdr	2 18"	.....	45	811
7	Pueblo (7)	4 8", 45 cal.	14 6", 50 cal.; 10 3", 50 cal.	2 3", 50 cal.	43-pdr	2 18"	.....	45	790
8	Seattle (11)	4 10", 40 cal.	16 6", 50 cal.; 12 3", 50 cal.	2 3", 50 cal.	46-pdr	4 21"	.....	45	858

MONITORS.

1	Cheyenne (10) [2]	.....	.....	.....	.....	.....	.....	.....	.....
2	Monadnock [2]	.....	.....	.....	.....	.....	.....	.....	.....
3	Tallahassee (9) [2]	.....	.....	.....	.....	.....	.....	.....	.....

[1] Four 8" guns in superposed turrets.

[2] To be sold.

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Table 20.—ARMAMENTS AND COMPLEMENTS OF SHIPS—Continued.

CRUISERS—FIRST CLASS.

Name and official number.	Batteries.		Officers.	Men.
	Guns.	Torpedo tubes.		
Charleston (22)	12 6″ 50-cal.; 4 3″ 50-cal.; 2 3″ 50-cal.; anti-aircraft; 4 3-pdr. saluting.		43	681
Rochester (2)	4 8″ 45-cal.; 8 5″ 50-cal.; 2 3″ 50-cal.; anti-aircraft; 2 3-pdr.		46	544
St. Louis (20)	12 6″ 50-cal.; 4 3″ 50-cal.; 2 3″ 50-cal.; anti-aircraft; 2 3-pdr.		43	681

CRUISERS—SECOND CLASS.

Chicago			30	385
Minneapolis (13)		(To be sold)	32	439
Olympia (6)	10 5″ 51-cal.; 4 6-pdr.; 2 3″ 50 A. A.		35	348
No. 4, Omaha[1]	12 6″ 53-cal.; 4 3″ anti-aircraft; 2 3-pdr. saluting.	2 21″ twin, above water	30	419
No. 5, Milwaukee[1]	12 6″ 53-cal.; 4 3″ anti-aircraft; 2 3-pdr. saluting.	2 21″ twin, above water	30	419
No. 6, Cincinnati[1]	12 6″ 53-cal.; 4 3″ anti-aircraft; 2 3-pdr. saluting.	2 21″ twin, above water	30	419
No. 7, Raleigh[1]	12 6″ 53-cal.; 4 3″ anti-aircraft; 2 3-pdr. saluting.	2 21″ twin, above water	30	419
No. 8, Detroit[1]	12 6″ 53-cal.; 4 3″ anti-aircraft; 2 3-pdr. saluting.	2 21″ twin, above water	30	419
No. 9, Richmond[1]	12 6″ 53-cal.; 4 3″ anti-aircraft; 2 3-pdr. saluting.	2 21″ twin, above water	30	41
No. 10, Concord[1]	12 6″ 53-cal.; 4 3″ anti-aircraft; 2 3-pdr. saluting.	2 21″ twin, above water	30	41
No. 11, Trenton[1]	12 6″ 53-cal.; 4 3″ anti-aircraft; 2 3-pdr. saluting.	2 21″ twin, above water	30	419
No. 12, Marblehead[1]	12 6″ 53-cal.; 4 3″ anti-aircraft; 2 3-pdr. saluting.	2 21″ twin, above water	30	419
No. 13, Memphis[1]	12 6″ 53-cal.; 4 3″ anti-aircraft; 2 3-pdr. saluting.	2 21″ twin, above water	30	419

CRUISERS—THIRD CLASS.

Albany		(To be sold)		
Birmingham (2)	4 5″ 51-cal.; 2 3″ 50-cal.; 1 3″ anti-aircraft; 2 3-pdr. saluting.	2 21″ above water	30	300
Chattanooga (16)	8 5″ 50-cal.; 6 6-pdr.; 1 3″ 50 A. A.		15	292
Chester (1)	4 5″ 51-cal.; 2 3″ 50-cal.; 1 3″ anti-aircraft; 2 3-pdr. saluting.	2 21″ above water	30	358
Cleveland (19)	8 5″ 50-cal.; 6 6-pdr.; 2 1-pdr.; 1 3″ 50 A. A.		15	288
Denver (14)	8 5″ 50-cal.; 6 6-pdr.; 1 3″ 50 A. A.		15	288
Des Moines (15)	8 5″ 50-cal.; 6 6-pdr.; 1 3″ 50 A. A.		15	289
Galveston (17)	8 5″ 50-cal.; 6 6-pdr.; 1 3″ 50 A. A.		15	288
New Orleans		(To be sold)		
Raleigh (8)		(To be sold)		
Salem (3)	4 5″ 51-cal.; 2 3″ 50-cal.; 1 3″ anti-aircraft; 2 3-pdr. saluting.	2 21″ above water	30	297
Tacoma (18)	8 5″ 50-cal.; 8 6-pdr.; 1 3″ 50 A. A.		15	288

DESTROYERS.

Abbott (184)	4 4″ 50-cal.; 1 3″ 23-cal. A. A.	4 21″ triple	[2]	114
Allen (66)	4 4″ 50-cal. R. F.	4 triple 21″	[2]	98
Ammen (35)	5 3″ 50-cal. R. F.	3 twin 18″	6	80
Anthony (172)	4 4″ 50-cal.; 1 3″ 23-cal. A. A.	4 21″ triple	[2]	99
Aylwin (47)	4 4″ 50-cal. R. F.	4 twin 18″	[2]	98
Babbitt (128)	4 4″ 50-cal.; 1 3″ 23-cal. A. A.	4 21″ triple	[2]	114
Badger (126)	4 4″ 50-cal.; 1 3″ 23-cal. A. A.	4 21″ triple	[2]	114
Bagley (185)	4 4″ 50-cal.; 1 3″ 23-cal. A. A.	4 21″ triple	[2]	114
Bailey (269)	4 4″ 50-cal.; 1 3″ 23-cal. A. A.	4 21″ triple	[2]	114
Balch (50)	4 4″ 50-cal. R. F.	4 twin 18″	[2]	98
Ballard (267)	4 4″ 50-cal.; 1 3″ 23-cal. A. A.	4 21″ triple	[2]	114
Bancroft (256)	4 4″ 50-cal.; 1 3″ 23-cal. A. A.	4 21″ triple	[2]	114
Barney (149)	4 4″ 50-cal.; 1 3″ 23-cal. A. A.	4 21″ triple	[2]	110
Beale (40)	5 3″ 50-cal. R. F.	3 twin 18″	6	84
Belknap (251)	4 4″ 50-cal.; 1 3″ 23-cal. A. A.	4 21″ triple	[2]	114

[1] Scout cruisers.
[2] 8 officers each except as noted.

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Table 20.—ARMAMENTS AND COMPLEMENTS OF SHIPS—Continued.

DESTROYERS—Continued.

Name and official number.	Batteries.		Officers.	Men.
	Guns.	Torpedo tubes.		
Bell (95)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	(1)	114
Benham (49)	4 4″ 50-cal. R. F	4 twin 18″	(1)	98
Bernadou (153)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	(1)	114
Biddle (151)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	(1)	114
Blakeley (150)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	(1)	114
Boggs (136)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	(1)	114
Branch (310)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	(1)	114
Breckenridge (148)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	(1)	114
Breese (122)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	(1)	114
Brooks (232)	4 5″ 51-cal.; 1 3″ 23-cal. A. A	4 21″ triple	(1)	122
Buchanan (131)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	(1)	114
Burnes, John Francis (299)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	(1)	114
Burns (171)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	(1)	99
Burrows (29)	5 3″ 50-cal. R. F	3 twin 18″	(1)	80
Bush (166)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	(1)	114
Caldwell (69)	4 4″ 50-cal. R. F.; 1 3″ 23-cal. antiaircraft.	4 triple 21″	(1)	114
Cassin (43)	4 4″ 50-cal. R. F	4 twin 18″	(1)	98
Champlin (104)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	(1)	114
Chandler (206)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	(1)	114
Chauncey (296)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	(1)	114
Chew (106)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	(1)	114
Claxton (140)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	(1)	114
Clemson (186)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	(1)	114
Cole (155)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	(1)	114
Colhoun (85)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	(1)	114
Conner (72)	4 4″ 50-cal. R. F.; 1 3″ 23-cal. antiaircraft.	4 triple 21″	(1)	114
Conyngham (58)	4 4″ 50-cal. R. F	4 twin 21″	(1)	98
Cowell (167)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	(1)	114
Crane (109)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	(1)	114
Craven (70)	4 4″ 50-cal. R. F.; 1 3″ 23-cal. antiaircraft.	4 triple 21″	(1)	114
Crosby (164)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	(1)	114
Cummings (44)	4 4″ 50-cal. R. F	4 twin 18″	(1)	98
Cushing (55)	4 4″ 50-cal. R. F	4 twin 21″	(1)	98
Dahlgren (187)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	(1)	114
Davis (65)	4 4″ 50-cal. R. F.; 1 3″ 23-cal	4 triple 21″	(1)	98
Delphy (261)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	(1)	114
Dent (116)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	(1)	114
Dorsey (117)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	(1)	114
Downes (45)	4 4″ 50-cal. R. F	4 twin 18″	(1)	98
Drayton (23)	5 3″ 50-cal. R. F	3 twin 18″	6	80
Duncan (46)	4 4″ 50-cal. R. F	4 twin 18″	(1)	98
Du Pont (152)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	(1)	114
Dyer (84)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	(1)	114
Edwards (265)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	(1)	114
Elliot (146)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	(1)	114
Ellis (154)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	(1)	114
Ericsson (56)	4 4″ 50-cal. R. F	4 twin 21″	(1)	98
Evans (78)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	(1)	114
Fairfax (93)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	(1)	114
Fanning (37)	5 3″ 50-cal. R. F	3 twin 18″	(1)	80
Farquhar (304)	4 4″ 50-cal.; 1 3″ 50-cal. A. A	4 triple 21″	(1)	114
Farragut (300)	4 4″ 50-cal.; 1 3″ 50-cal. A. A	4 triple 21″	(1)	114
Flusser (2)	5 3″ 50-cal. R. F	3 twin 18″	(1)	114
Foote (169)	4 4″ 50-cal.; 1 3″ 50-cal. A. A	4 triple 21″	(1)	114
Fuller (297)	4 4″ 50-cal.; 1 3″ 50-cal. A. A	4 triple 21″	(1)	114
Gamble (123)	4 4″ 50-cal.; 1 3″ 50-cal. A. A	4 triple 21″	8	114
Goldsborough (188)	4 4″ 50-cal.; 1 3″ 50-cal. A. A	4 triple 21″	8	114
Greene (266)	4 4″ 50-cal.; 1 3″ 50-cal. A. A	4 triple 21″	8	114
Greer (145)	4 4″ 50-cal.; 1 3″ 50-cal. A. A	4 triple 21″	8	114
Gregory (82)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Gridley (92)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Gwin (71)	4 4″ 50-cal. R. F.; 1 3″ 23-cal. antiaircraft.	4 triple 21″	8	114
Hamilton (141)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Haraden (183)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Harding (91)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Hart (110)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	99
Hatfield (231)	4 5″ 51-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	122
Hazelwood (107)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Henley (39)	5 3″ 50-cal. R. F	3 twin 18″	6	80
Herbert (160)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Hogan (178)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Hopewell (181)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Howard (179)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114

[1] 8 officers each except as noted.

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Table 20.—ARMAMENTS AND COMPLEMENTS OF SHIPS—Continued.

DESTROYERS—Continued.

Name and official number.	Batteries.		Officers.	Men.
	Guns.	Torpedo tubes.		
Ingraham (111)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	99
Ingram (255)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Isabel (S. P. 521)	4 3″ 50-cal. S. A.; 2 mach. A. A	2 twin 18″	8	83
Israel (98)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	99
Jarvis (38)	5 3″ 50-cal. R. F	3 twin 18″	6	80
Jenkins (42)	5 3″ 50 cal. R. F	3 twin 18″	6	80
Jones, Jacob (130)	4 4″ 50-cal. 1 3″ 23-cal. A. A	4 triple 21″	8	114
Jouett (41)	5 3″ 50-cal. R. F	3 twin 18″	6	80
Kalk (254)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Kennison (138)	4 4″ 50-cal. 1 3″ 23-cal. A. A	4 triple 21″	8	114
Kilty (137)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Kimberly (80)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Lamberton (119)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Lansdale. (101)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	99
Laub (263)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Lea (118)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Leary (158)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Little (79)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Luce (99)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	99
Ludlow (112)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	99
Mackenzie (175)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Maddox (168)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Mahan (102)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	99
Manley (74)	4 4″ 50-cal. R. F.; 1 3″ 23-cal. antiaircraft.	4 triple 21″	8	114
Mason (191)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Maury (100)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	99
Mayrant (31)	5 3″ 50-cal. R. F	3 twin 18″	6	80
McCall (28)	5 3″ 50-cal. R. F	3 twin 18″	6	80
McCalla (253)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
McCook (252)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
McDermut (262)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
McDougal (54)	4 4″ 50-cal. R. F	4 twin 21″	8	98
McKean (90)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
McKee (87)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
McLanahan (264)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Meredith (165)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Monaghan (32)	5 3″ 50-cal. R. F	3 twin 18″	6	80
Montgomery (121)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Morris (271)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Mugford (105)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Murray (97)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	99
Nicholson (52)	4 4″ 50-cal. R. F	4 twin 21″	8	98
O'Bannon (177)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
O'Brien (51)	4 4″ 50-cal. R. F	4 twin 21″	8	98
Palmer (161)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Parker (48)	4 4″ 50-cal. R. F	4 twin 18″	8	98
Patterson (36)	5 3″ 50-cal. R. F	3 twin 18″	8	80
Paulding (22)	5 3″ 50-cal. R. F	3 twin 18″	8	80
Percival (298)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Perkins (26)	5 3″ 50-cal. R. F	3 twin 18″	8	80
Philip (76)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Porter (59)	4 4″ 50-cal. R. F	4 twin 21″	8	98
Radford (120)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Ramsay (124)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Rathburne (113)	4 4″ 50-cal.; 1 3″ 23-cal.	4 triple 21″	8	114
Reid (21)	5 3″ 50-cal. R. F	3 twin 18″	6	80
Reno (303)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Renshaw (176)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Ringgold (89)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Rizal (174)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	99
Robinson (88)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Rodgers (170)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Roe (24)	5 3″ 50-cal. R. F	3 twin 18″	6	80
Roper (147)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Rowan (64)	4 4″ 50-cal. R. F.; 1 3″ 23-cal	4 triple 21″	8	98
Sampson (63)	4 4″ 50-cal. R. F.; 1 3″ 23-cal. antiaircraft.	4 triple 21″	8	98
Satterlee (190)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Schenck (159)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Schley (103)	4 4″ 50-cal.; 1 1-pdr. auto. A. A	4 triple 21″	8	114
Semmes (189)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Shaw (68)	4 4″ 50-cal. R. F.; 1 3″ 23-cal. A. A	4 triple 21″	8	98
Shubrick (268)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Sigourney (81)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Somers (301)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Southard (207)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Sproston (173)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 41″	8	99

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Table 20.—ARMAMENTS AND COMPLEMENTS OF SHIPS—Continued.

DESTROYERS—Continued.

Name and official number.	Batteries.		Officers.	Men.
	Guns.	Torpedo tubes.		
Stansbury (180)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Sterrett (27)	5 3″ 50-cal. R. F	3 twin 18″	6	80
Stevens (86)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Stockton (73)	4 4″ 50-cal. R. F.; 2 3″ 23-cal. antiaircraft.	4 triple 21″	8	120
Stoddert (302)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Stribling (96)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	99
Stringham (83)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Swasey (273)	4 4″ 50-cal.; 1 3″ 23-cal. A.-A	4 triple 21″	8	114
Talbot (114)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Talbot, J. Fred (156)	4 4″ 50-cal. 1 3″ 23-cal. A. A	4 triple 21″	8	114
Tarbell (142)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Tattnall (125)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Taylor (94)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Terry (25)	5 3″ 50-cal. R. F	3 twin 18″	6	80
Thatcher (162)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Thomas (182)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Thompson (305)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Thornton (270)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Tillman (135)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Tingey (272)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Trippe (33)	5 3″ 50-cal. R. F	3 twin 18″	6	80
Tucker (57)	4 4″ 50-cal. R. F	4 twin 21″	8	98
Twiggs (127)	4 4″ 50 cal. R. F.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Upshur (144)	4 4″ 50-cal. R. F.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Wadsworth (60)	4 4″ 50-cal. R. F	4 twin 21″	8	100
Wainwright (62)	4 4″ 50-cal. R. F	4 twin 21″	8	98
Walke (34)	5 3″ 50-cal. R. F	3 twin 18″	6	80
Walker (163)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Ward (139)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Ward, Aaron (132)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Warrington (30)	5 3″ 50-cal. R. F	3 twin 18″	6	80
Waters (115)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Welles (257)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Wickes (75)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Wilkes (67)	4 4″ 50-cal. R. F.; 1 3″ 23-cal	4 triple 21″	8	98
Williams (108)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
Winslow (53)	4 4″ 50-cal. R. F	4 twin 21″	8	98
Yarnall (143)	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
No. 133 Hale	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
No. 134 Crowinshield	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 triple 21″	8	114
No. 157 Dickerson	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 193 H. P. Upshur	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 194 Hunt	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 195 W. C. Wood	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 196 G. E. Badger	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 197 Branch	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 198 Herndon	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 199 Dallas	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 208, Hovey	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	126
No. 209, Long	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	126
No. 210, Broome	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 211, Alden	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 212, Smith Thompson	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 213, Barker	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 214, Tracy	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 215, Borie	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 216, J. D. Edwards	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 217, Whipple	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 218, Parrott	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 219, Edsall	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 220, MacLeish	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 221, Simpson	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 222, Bulmer	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 223, McCormick	4 4″ 50-cal.; 1 3″ 23 cal. A. A	4 21″ triple	8	114
No. 224, Stewart	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 225, Pope	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 226, Peary	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 227, Pillsbury	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 228, John D. Ford	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 229, Truxton	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 230, Paul Jones	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 233, Gilmer	4 5″ 51-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	122
No. 234, Fox	4 5″ 51-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	122
No. 235, Kane	4 5″ 51-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	122
No. 236, Humphreys	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 237, McFarland	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 238, J. K. Paulding	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114

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Table 20.—ARMAMENTS AND COMPLEMENTS OF SHIPS—Continued.

DESTROYERS—Continued.

Name and official number.	Batteries.		Officers.	Men.
	Guns.	Torpedo tubes.		
No. 239, Overton	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 240, Sturtevant	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 241, Childs	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 242, King	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 243, Sands	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 244, Williamson	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 245, Reuben James	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 246, Bainbridge	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 247, Goff	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 248, Barry	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 249, Hopkins	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 250, Lawrence	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 258, Aulick	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 259, Turner	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 260, Gillis	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 274, Meade	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 275, Sinclair	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 276, McCawley	4 4" 50-cal.; 1 3" 23 cal. A. A	4 21" triple	8	114
No. 277, Moody	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 278, Henshaw	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 279, Meyer	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 280, Doyen	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 281, Sharkey	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 282, Toucey	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 833, Breck	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 284, Isherwood	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 285, Case	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 286, Lardner	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 287, Putnam	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 288, Worden	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 289, Flusser	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 290, Dale	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 291, Converse	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 292, Reid	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 293, Billingsley	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 294, Ausburne	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 295, Osborne	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 306, Kennedy	4 4' 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 307, Paul Hamilton	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 308, Wm. Jones	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 309, Woodbury	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 311, Nicholas	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 312, Young	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 313, Zeilin	4 4" 50-cal.; 1 3" 23-cal. T. A	4 21" triple	8	114
No. 314, Yarborough	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 315, LaVallette	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 316, Sloat	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 317, Wood	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 318, Shirk	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 319, Kidder	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 320, Selfridge	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 321, Marcus	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 322, Mervine	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 323, Chase	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 324, Robt. Smith	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 325, Mullany	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 326, Coghlan	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 327, Preston	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 328, Lamson	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 329, Bruce	4 4" 50-cal.; 1 3" 23 cal. A. A	4 21" triple	8	114
No. 330, Hull	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 331, Macdonough	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 332, Farenholt	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 333, Sumner	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 334, Corry	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 335, Melvin	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 336, Litchfield	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 337, Zane	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 338, Wasmuth	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 339, Trever	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 340, Perry	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 341, Decatur	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 342, Hulbert	4 4" 50-cal.; 1 3" 23 cal. A. A	4 21" triple	8	114
No. 343, Noa	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 344, W. B. Preston	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 345, Preble	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 346, Sicard	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 347, Pruitt	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114
No. 348	4 4" 50-cal.; 1 3" 23-cal. A. A	4 21" triple	8	114

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Table 20.—ARMAMENTS AND COMPLEMENTS OF SHIPS—Continued.

DESTROYERS—Continued.

Name and official number.	Batteries.		Officers.	Men.
	Guns.	Torpedo tubes.		
No. 349 [1]	4 4″ 50-cal.; 1 3″ 23 cal. A. A	4 21″ triple	8	114
No. 350 [1]	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 351 [1]	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 352 [1]	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 353 [1]	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 354 [1]	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 355 [1]	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 356 [1]	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 357 [1]	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 358 [1]	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
No. 359 [1]	4 4″ 50-cal.; 1 3″ 23-cal. A. A	4 21″ triple	8	114
GUNBOATS.				
Asheville	3 4″ 50-cal.; 2 3-pdrs		12	148
Elcano	4 4″ 40-cal. R. F.; 4 3-pdr. R. F		6	98
Helena (9)	8 4″ 40-cal. R. F.; 4 3-pdr. R. F		13	162
Newport (12)			12	137
Paducah (18)	4″ 50-cal.; 1 3″ 23-cal		10	146
Nantucket			12	147
Sacramento (19)	3 4″ 50-cal. R. F.; 2 3-pdr. R. F.; 2 1-pdr. R. F.		12	152
TRANSFERRED TO COAST GUARD.				
Wilmington (8)	8 4″ 40-cal. R. F.; 4 3-pdr. R. F		13	162
EAGLE BOATS.				
No. 1 to 19			5	56
Nos. 23 and 24	2 4″/50		5	56
Nos. 26 to 29	1 3″/50 A. A		5	56
Nos. 31 to 60			5	56

[1] Have never been built.

Table 21.—SUMMARY OF VESSELS IN THE UNITED STATES NAVY JANUARY 1, 1922.

Type.	Fit for service, including those under repair.		Under construction.		Authorized but not yet placed.		Total.	
	Number.	Displacement.	Number.	Displacement.	Number.	Displacement.	Number.	Displacement.
Battleships, first line	18	500,650	9	357,000			27	857,650
Battleships, second line	16	238,312					16	238,312
Total	34	738,962	9	357,000			43	1,095,962
Battle cruisers, first line			6	261,000			6	261,000
Cruisers, second line	11	139,450					11	139,450
Light cruisers, first line			10	75,000			10	75,000
Light cruisers, second line	12	43,175					12	43,175
Aircraft carriers, second line	1	[1] 12,700					1	12,700
Mine layers, second line	4	16,096					4	16,096
Total	28	211,421	16	336,000			44	547,421
Destroyers, first line	280	332,698	3	3,645	12	(2)	295	336,343
Destroyers, second line	21	15,582					21	15,582
Light mine layers	14	16,674					14	16,674
Total	315	364,954	3	3,645	12	(2)	330	368,599

[1] Aircraft carrier Langley (ex-Jupiter) under conversion.
[2] Displacement of the following vessels not included: 12 destroyers, 12 fleet submarines, 1 tug (Bay Spring), 2 unclassified (Sturgeon Bay and Briarcliff).

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Table 21.—SUMMARY OF VESSELS IN THE UNITED STATES NAVY JANUARY 1, 1922—Continued.

Type.	Fit for service, including those under repair.		Under construction.		Authorized but not yet placed.		Total.	
	Number.	Displacement.	Number.	Displacement.	Number.	Displacement.	Number.	Displacement.
Submarines, first line	58	35,849	35	30,846	.....	.....	93	66,695
Submarines, second line	46	16,409	.....	.....	.....	.....	46	16,409
Fleet submarines, first line	2	(1)	4	(2)	6	(2)	12	.....
Total	106	52,258	39	30,846	6	(2)	151	83,104
Eagles	54	27,000	.....	.....	.....	.....	54	27,000
Submarine chasers	64	[2] 4,928	.....	.....	.....	.....	64	4,928
Gunboats	11	9,233	1	1,575	.....	.....	12	10,808
Yachts	8	8,922	.....	.....	.....	.....	8	8,922
Total	137	50,083	1	1,575	.....	.....	138	51,658
Destroyer tenders	11	100,183	2	21,200	.....	.....	13	121,383
Submarine tenders	8	45,553	1	10,000	.....	.....	9	55,553
Aircraft tenders	1	14,240	.....	.....	.....	.....	1	14,240
Repair ships	2	25,170	1	10,000	.....	.....	3	35,170
Store ships	9	95,680	.....	.....	.....	.....	9	95,680
Colliers	12	153,160	.....	.....	.....	.....	12	153,160
Oilers	19	266,226	.....	.....	.....	.....	19	266,226
Ammunition ships	2	21,200	.....	.....	.....	.....	2	21,200
Cargo ships	15	127,176	.....	.....	.....	.....	15	127,176
Transports	4	45,300	.....	.....	1	10,000	5	55,300
Hospital ships	4	35,714	.....	.....	.....	.....	4	35,714
Fleet tugs	41	34,811	.....	.....	.....	.....	41	34,811
Mine sweepers	46	43,700	.....	.....	.....	.....	46	43,700
Miscellaneous	11	59,252	.....	.....	.....	.....	11	59,252
Total	185	1,067,365	4	41,200	1	10,000	190	1,118,565
Unclassified	30	85,440	.....	.....	.....	.....	30	85,440
Grand total	835	2,571,183	72	770,266	19	10,000	926	3,351,449

[1] Displacement of the following vessels not included: 12 destroyers, 12 fleet submarines, 1 tug (Bay Spring), 2 unclassified (Sturgeon Bay and Briarcliff).
[2] Does not include submarine chasers on sale list.

Table 22.—AGE OF UNITED STATES BATTLESHIPS FROM DATE OF FIRST COMMISSION.

Name.	Date of first commission.	Age, Jan. 1, 1922.	Name.	Date of first commission.	Age, Jan. 1, 1922.
		Yrs. Mo.			Yrs. Mo.
Alabama	Oct. 16, 1900	21 2	Missouri	Dec. 1, 1903	18 0
Arizona	Oct. 17, 1916	5 2	Montana	.....	.....
Arkansas	Sept. 17, 1912	9 3	Nebraska	July 1, 1907	14 6
California	Aug. 10, 1921	0 5	Nevada	Mar. 11, 1916	5 9
Coast B. S. No. 1	Nov. 20, 1895	26 1	New Hampshire	Mar. 19, 1908	13 9
Coast B. S. No. 2	June 10, 1896	25 6	New Jersey	May 12, 1906	15 8
Coast B. S. No. 4	June 16, 1897	24 6	New Mexico	May 20, 1918	3 8
Colorado	.....	.....	New York	Apr. 15, 1914	7 8
Connecticut	Sept. 29, 1906	15 3	North Carolina	.....	.....
Delaware	Apr. 4, 1910	11 8	North Dakota	Apr. 11, 1910	11 8
Florida	Sept. 15, 1911	10 3	Ohio	Oct. 4, 1904	17 2
Georgia	Sept. 24, 1906	15 3	Oklahoma	May 2, 1916	5 7
Idaho	Mar. 24, 1919	2 9	Oregon	July 15, 1896	25 6
Illinois	Sept. 16, 1901	20 3	Pennsylvania	June 12, 1916	5 6
Indiana	.....	.....	Rhode Island	Feb. 19, 1906	15 10
Iowa	.....	.....	South Carolina	Mar. 1, 1910	11 9
Kansas	Apr. 18, 1907	14 8	South Dakota	.....	.....
Kearsarge	Feb. 20, 1900	21 10	Tennessee	June 30, 1920	1 7
Kentucky	May 15, 1900	21 7	Texas	Mar. 12, 1914	7 9
Louisiana	June 2, 1906	15 6	Utah	Aug. 31, 1911	10 4
Maine	Dec. 29, 1902	19 0	Vermont	Mar. 4, 1907	14 9
Maryland	July 21, 1921	0 5	Virginia	May 7, 1906	15 8
Massachusetts	.....	.....	Washington	.....	.....
Michigan	Jan. 4, 1910	12 0	West Virginia	.....	.....
Minnesota	Mar. 9, 1907	14 10	Wisconsin	Feb. 4, 1901	20 10
Mississippi	Dec. 18, 1917	4 0	Wyoming	Sept. 25, 1912	9 3

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Table 23.—VESSELS UNDER CONSTRUCTION, UNITED STATES NAVY.

[Navy Department, Bureau of Construction and Repair, January 10, 1922.]

Type, number, and name.	Contractor.	Total per cent completion of ship Jan. 1, 1922.
BATTLESHIPS.		
45. Colorado	New York Ship Building Corporation	86
47. Washington	do	69.8
48. West Virginia	Newport News Ship Building & Dry Dock Co.	70
49. South Dakota	New York Navy Yard	38
50. Indiana	do	34.3
51. Montana	Mare Island Navy Yard	27.6
52. North Carolina	Norfolk Navy Yard	36.7
53. Iowa	Newport News Ship Building & Dry Dock Co.	31.2
54. Massachusetts	Bethlehem Ship Building Corporation (Fore River).	11
BATTLE CRUISERS.		
1. Lexington	Bethlehem Ship Building Corporation (Fore River).	31.1
2. Constellation	Newport News Ship Building & Dry Dock Co.	20
3. Saratoga	New York Ship Building Corporation	32.8
4. Ranger	Newport News Ship Building & Dry Dock Co.	3.8
5. Constitution	Philadelphia Navy Yard	12.8
6. United States	do	11.4
SCOUT CRUISERS (LIGHT CRUISERS).		
4. Omaha	Todd Dry Dock & Construction Corporation	99
5. Milwaukee	do	93.6
6. Cincinnati	do	87.6
7. Raleigh	Bethelehem Ship Building Corporation (Fore River).	63.7
8. Detroit	do	76.9
9. Richmond	Wm. Cramp & Sons Co	83
10. Concord	do	79
11. Trenton	do	55
12. Marblehead	do	47
13. Memphis	do	40
AUXILIARIES.		
Repair ship No. 1, Medusa (AR1)	Puget Sound Navy Yard	74.1
Destroyer tender No. 3, Dobbin (AD3)	Philadelphia Navy Yard	66.9
Destroyer tender No. 4, Whitney (AD4)	Boston Navy Yard	47.1
Submarine tender No. 3, Holland (AS3)	Puget Sound Navy Yard	21.5
PATROL VESSELS.		
Gunboat No. 22, Tulsa (PG22)	Charleston Navy Yard	71.3
DESTROYERS.		
339. Trever	Mare Island Navy Yard	98.8
340. Perry	do	86
341. Decatur	do	82.1
SUBMARINES.		
115. S-10	Portsmouth (N. H.) Navy Yard	94.9
116. S-11	do	92.8
117. S-12	do	92.5
118. S-13	do	90.7
123. S-18	Electric Boat Co. (Quincy)	97
124. S-19	do	96.5
125. S-20	do	98.5
126. S-21	do	94.9
127. S-22	do	95.8
128. S-23	do	94
129. S-24	do	93
130. S-25	do	93.5
131. S-26	do	92.4
132. S-27	do	91
133. S-28	do	91.6
134. S-29	do	90.5
136. S-31	Electric Boat Co. (San Francisco)	97.8
137. S-32	do	96.9
138. S-33	do	99.2
139. S-34	do	95.9
140. S-35	do	93.7
141. S-36	do	91.7
142. S-37	do	90.3
143. S-38	do	84.6
144. S-39	do	82.2
145. S-40	do	81.2
146. S-41	do	84.5
153. S-42	Electric Boat Co. (Quincy)	79.4
154. S-43	do	80.1
155. S-44	do	78

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Table 23.—VESSELS UNDER CONSTRUCTION, UNITED STATES NAVY—Continued.

Type, number, and name.	Contractor	Total per cent completion of ship Jan. 1, 1922.
SUBMARINES.		
156. S-45	Electric Boat Co. (Quincy)	78.7
157. S-46	do	77.3
158. S-47	do	76.5
159. S-48	Lake Torpedo Boat Co. (Bridgeport)	98.3
160. S-49	do	97.7
161. S-50	do	93.8
162. S-51	do	92.4
FLEET SUBMARINES.		
60. T-2 (SF 2)	Electric Boat Co. (Quincy)	99.3
163. V-1 (SF 4)	Portsmouth (N. H.) Navy Yard	13.3
164. V-2 (SF 5)	do	11.4
165. V-3 (SF 6)	do	11.2

NOTE.—Submarines authorized but not under construction or contract: Fleet submarines Nos. 166-171; Neff submarine No. 108.

Table 24.—TIME REQUIRED TO BUILD BATTLESHIPS IN THE UNITED STATES.

Name.	Authorized.	Date of order or contract.	Keel laid.	Date of first commission.	Time from order or contract to first commission.		Time from laying of keel to first commission.	
					Yrs.	*mos.*	*Yrs.*	*mos.*
Wisconsin	June 10, 1896	Sept. 19, 1896	Feb. 9, 1897	Feb. 4, 1901	4	5	4	0
Illinois	do	Sept. 26, 1896	Feb. 10, 1897	Sept. 16, 1901	5	0	4	7
Maine	May 4, 1898	Oct. 1, 1898	Feb. 15, 1899	Dec. 29, 1902	4	2	3	10
Missouri	do	Dec. 30, 1898	Feb. 7, 1900	Dec. 1, 1903	5	0	3	10
Ohio	do	Oct. 5, 1898	Apr. 22, 1899	Oct. 4, 1904	6	0	5	6
Rhode Island	June 7, 1900	Feb. 15, 1901	May 1, 1902	Feb. 19, 1906	5	0	3	9
Virginia	Mar. 3, 1899	do	May 21, 1902	May 7, 1906	5	3	4	0
New Jersey	June 7, 1900	do	Apr. 2, 1902	May 12, 1906	5	3	4	1
Louisiana	July 1, 1902	Oct. 15, 1902	Feb. 7, 1903	June 2, 1906	3	8	3	4
Georgia	Mar. 3, 1899	Feb. 18, 1901	Aug. 31, 1901	Sept. 24, 1906	5	7	5	1
Connecticut	July 1, 1902	Oct. 15, 1902	Mar. 10, 1903	Sept. 29, 1906	3	11	3	6
Vermont	Mar. 3, 1903	June 20, 1903	May 21, 1904	Mar. 4, 1907	3	9	2	10
Minnesota	do	do	Oct. 27, 1903	Mar. 9, 1907	3	9	3	5
Kansas	do	June 16, 1903	Feb. 10, 1904	Apr. 18, 1907	3	10	3	2
Nebraska	Mar. 3, 1899	Mar. 7, 1901	July 4, 1902	July 1, 1907	6	4	5	0
New Hampshire	Apr. 27, 1904	Dec. 27, 1904	May 1, 1905	Mar. 19, 1908	3	3	2	10
Michigan	Mar. 3, 1905	July 20, 1906	Dec. 17, 1906	Jan. 4, 1910	3	6	3	1
South Carolina	do	July 21, 1906	Dec. 18, 1906	Mar. 1, 1910	3	8	3	3
Delaware	[1]June 29, 1906	Aug. 6, 1907	Nov. 11, 1907	Apr. 4, 1910	2	8	2	5
North Dakota	Mar. 2, 1907	do	Dec. 16, 1907	Apr. 11, 1910	2	8	2	4
Florida	May 13, 1908	Nov. 24, 1908	Mar. 9, 1909	Sept. 15, 1911	2	10	2	6
Utah	do	do	Mar. 15, 1909	Aug. 31, 1911	2	10	2	6
Arkansas	Mar. 3, 1909	Sept. 25, 1909	Jan. 25, 1910	[2]Sept. 17, 1912	3	0	2	8
Wyoming	do	Oct. 14, 1909	Feb. 9, 1910	Sept. 25, 1912	2	11	2	7
New York	June 24, 1910	May 1, 1911	Sept. 11, 1911	Apr. 15, 1914	2	11½	2	7
Texas	do	Dec. 17, 1910	Apr. 17, 1911	Mar. 12, 1914	3	3	2	11
Oklahoma	Mar. 4, 1911	Jan. 22, 1912	Oct. 26, 1912	May 2, 1916	4	3½	3	6
Nevada	do	do	Nov. 4, 1912	Mar. 11, 1916	4	1	3	4
Pennsylvania	Aug. 22, 1912	Feb. 28, 1913	Oct. 27, 1913	June 12, 1916	3	4½	2	7½
Arizona	Mar. 4, 1913	June 24, 1913	Mar. 16, 1914	Oct. 17, 1916	3	4	2	7
Mississippi	June 30, 1914	Nov. 23, 1914	Apr. 5, 1915	Dec. 18, 1917	3	1	2	8½
New Mexico	do	Oct. 20, 1914	Oct. 14, 1915	May 20, 1918	3	7	2	7
Idaho	do	Nov. 9, 1914	Jan. 20, 1915	Mar. 24, 1919	4	4	4	2
Tennessee	Mar. 3, 1915	Dec. 28, 1915	May 14, 1917	June 3, 1920	4	5	3	1
California	do	Jan. 5, 1916	Oct. 25, 1916	Aug. 10, 1921	5	7	4	10
Maryland	Aug. 29, 1916	Dec. 5, 1916	Apr. 14, 1917	July 21, 1921	4	7	4	3

[1] Preparation of preliminary plans authorized; construction not authorized until Mar. 2, 1907.
[2] When placed in commission, the hull was 98.6 per cent completed and the machinery 93.2 per cent completed.

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Table 25.—SHIPS ON THE NAVY LIST, JANUARY 1, 1922.

[Vessels marked (*) still under construction.]

Name of vessel.	Type.	Date of first commissioning or purchase.	Cost (hull and machinery).	Repairs, changes, and alterations to June 30, 1921.
A-2	Submarine	Jan. 12, 1903	$173,657.80	$86,183.18
A-3	do	May 28, 1903	173,364.35	88,845.26
A-4	do	Jan. 17, 1903	173,671.04	91,913.56
A-5	do	May 28, 1903	173,288.41	88,272.09
A-6	do	Sept. 19, 1903	171,843.44	96,784.74
A-7	do	do	171,431.34	87,988.70
Abarenda	Oiler	May 20, 1898	175,000.00	696,969.19
Abbot	Destroyer	July 19, 1919	1,392,697.63	64,201.14
Ajax	Oiler	May 21, 1898	267,675.50	965,960.45
Alabama	Battleship	Oct. 16, 1900	2,857,109.44	1,512,758.85
Alameda	Oiler	Oct. 17, 1919	1,818,788.38	
Albany	Cruiser	May 29, 1900	1,207,644.13	1,062,566.67
Alden	Destroyer	Nov. 24, 1919	1,552,477.22	33,755.59
Alert	Gunboat	No record.	118,000.00	459,369.94
Algorma	Tug	May 15, 1920	506,724.10	25,812.72
Allegheny	do	No record.	365,152.17	98,414.69
Allen	Destroyer	Jan. 24, 1917	817,001.46	174,216.38
Altair	Destroyer tender	Dec. 6, 1921		
Ammen	Destroyer	May 28, 1911	655,075.03	196,976.71
Annapolis	Gunboat	July 20, 1897	277,204.17	503,123.63
Antares	Auxiliary, miscellaneous.	Feb. 23, 1922	1,800,977.06	
Anthony	Destroyer	June 19, 1919	1,501,559.60	40,706.44
Aramis	Yacht	Nov. 2, 1917	240,000.00	52,567.48
Arapho	Tug	Dec. 2, 1914	125,666.67	93,991.18
Arctic	Store ship	Nov. 7, 1921	2,364,974.36	
Arethusa	Oiler	1898	218,992.50	757,127.65
Argonne	Transport	Nov. 8, 1921		
Arizona	Battleship	Oct. 17, 1916	6,825,546.87	1,097,583.48
Arkansas	do	Sept. 17, 1912	5,071,729.92	1,841,476.49
Aroostook	Mine planter	Jan. 7, 1918	1,350,000.00	1,135,679.94
Asheville	Gunboat	July 6, 1920	1,338,091.27	21,886.91
Auk	Mine sweeper	Jan. 31, 1919	644,531.22	23,382.96
Aulick	Destroyer	July 26, 1919	1,583,632.86	77,257.54
Ausburn, Charles	do	Mar. 23, 1920	1,578,858.13	5,415.03
Avocet	Mine sweeper	Sept. 17, 1918	821,423.83	36,848.73
Aylwin	Destroyer	Jan. 17, 1914	781,279.54	250,225.38
B-1	Submarine	Oct. 18, 1907	200,957.48	81,673.52
B-2	do	do	187,982.32	55,589.45
B-3	do	Dec. 3, 1907	185,077.84	76,930.21
Babbitt	Destroyer	Oct. 24, 1919	1,701,148.44	58,692.26
Badger	do	May 28, 1919	1,711,207.25	75,378.85
Badger, George E	do	July 28, 1920	1,439,421.76	12,904.17
Bagaduce	Tug	Sept. 18, 1919	563,216.16	35,154.57
Bagley	Destroyer	Aug. 27, 1919	1,387,311.69	17,972.68
Bailey	do	June 27, 1919	1,594,234.29	99,109.67
Bainbridge	do	Nov. 24, 1902	1,912,418.49	697.79
Balch	do	Mar. 26, 1914	780,036.55	313,743.24
Ballard	do	June 5, 1919	1,578,022.88	18,647.46
Baltimore	Mine layer	Jan. 7, 1890	1,546,172.13	2,203,685.32
Bancroft	Destroyer	June 30, 1919	1,585,588.80	25,864.88
Barker	do	Dec. 27, 1919	1,523,031.06	23,975.37
Barnes, R. L	Oiler	Oct. 19, 1918	545,000.00	369,349.88
Barney	Destroyer	Mar. 14, 1919	1,505,756.22	61,017.39
Barry	do	Nov. 24, 1902	1,910,111.35	1,959.84
Bath	N. O. T. S	July 30, 1917		160,100.32
Bay Spring	Tug	Nov. 10, 1921		
Beale	Destroyer	Sept. 30, 1912	669,168.12	281,010.82
Beaver	Tender	Oct. 1, 1917	1,300,000.00	890,553.48
Beaufort	Oiler	Sept. 20, 1917		230,589.47
Belknap	Destroyer	Apr. 28, 1919	1,597,568.15	31,149.44
Bell	do	July 31, 1918	1,478,283.89	68,196.15
Benham	do	Jan. 20, 1914	763,930.55	349,224.19
Bernadou	do	May 19, 1919	1,493,862.92	80,558.67
Biddle	do	Apr. 22, 1919	1,501,116.27	87,463.81
Billingsley	do	Mar. 1, 1920	1,557,318.00	5,343.72
Birmingham	Cruiser	Apr. 11, 1908	1,628,352.77	956,078.95
Bittern	Mine sweeper	May —, 1919	841,402.72	26,788.60
Black Hawk	Tender	May 18, 1918	1,900,000.00	223,765.07
Blakeley	Destroyer	May 8, 1919	1,498,966.98	52,546.49
Bobolink	Mine sweeper	Jan. 28, 1919	804,584.65	114,134.92
Boggs	Destroyer	Sept. 23, 1918	2,888,588.92	20,192.45
Borie	do		1,520,003.91	10,018.02
Boston	Receiving ship		700,000.00	1,129,266.09
Branch	Destroyer	July 26, 1920	1,439,789.47	23,604.76
Brant	Mine sweeper	Sept. 5, 1918	636,638.47	22,809.58
Brazos	Oiler	Oct. 1, 1919	2,600,258.25	115,194.18
Breck	Destroyer	Dec. 1, 1919	1,555,398.39	9,435.58

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Table 25.—SHIPS ON THE NAVY LIST, JANUARY 1, 1922—Continued.

Name of vessel.	Type.	Date of first commissioning or purchase.	Cost (hull and machinery).	Repairs, changes, and alterations to June 30, 1921.
Breckenridge	Destroyer	Feb. 27, 1919	$1,503,155.72	$101,373.72
Breese	do	Oct. 23, 1918	1,395,636.06	68,683.95
Boreas	Store ship		2,387,107.30	
Bridge	Supply ship	June 2, 1917	1,253,490.87	302,041.54
Bridgeport	Repair ship	Aug. 25, 1917		230,589.47
Brooks	Destroyer	June 18, 1920	1,913,192.28	8,144.08
Broome	do	Oct. 31, 1919	1,523,654.05	73,545.30
Bruce	do	Sept. 29, 1920	1,531,565.80	1,029.63
Brutus	Oiler	May 27, 1898	215,000.00	777,642.58
Buchanan	Destroyer	Jan. 20, 1919	1,447,514.55	61,735.83
Buffalo	Transport	July 18, 1898	550,000.00	1,502,457.17
Bulmer	Destroyer	Aug. 16, 1920	1,403,530.67	1,768.14
Burnes, John Francis	do	May 1, 1920	1,529,819.53	200.55
Burns	do	Aug. 7, 1919	1,507,797.53	30,345.27
Burrows	do	Feb. 21, 1911	679,302.27	218,310.50
Bush	do	Feb. 19, 1919	1,344,637.78	30,789.69
Bushnell	Tender	Nov. 24, 1915	949,037.57	204,372.74
Canopus	Subtender	Jan. 24, 1922	2,487,467.84	
Capella	Cargo ship	Dec. 8, 1921	1,484,235.51	
Caesar	Oiler	May 13, 1898	175,194.00	617,015.59
Caldwell	Destroyer	Dec. 1, 1917	923,047.48	179,674.88
California	Battleship	Aug. 10, 1921	14,716,487.92	Cr. 52.80
Camden	Tender	Aug. 15, 1917		1,852,964.85
Cardinal	Mine sweeper	Aug. 23, 1918	629,050.56	23,401.20
Carrabasset	Tug	June 30, 1920	499,497.87	17,514.87
Case	Destroyer	Dec. 8, 1919	1,557,594.89	13,346.84
Cassin	do	Aug. 9, 1913	780,171.28	335,800.07
Celtic	Supply ship	May 25, 1898	340,900.00	926,303.69
Challenge	Mine sweeper	Oct. 4, 1918	150,000.00	48,528.53
Champlin	Destroyer	Nov. 11, 1918	1,535,661.05	45,692.89
Chandler	do	Sept. 5, 1919	1,519,476.55	24,244.72
Charleston	Cruiser	Oct. 17, 1905	2,858,138.45	1,136,683.37
Charlotte	do	May 7, 1908	3,773,486.92	896,418.36
Chase	Destroyer	Mar. 10, 1921	1,534,619.07	189.81
Chattanooga	Cruiser	Oct. 11, 1904	1,374,270.45	632,258.32
Chaumont	Transport	Nov. 22, 1921		
Chauncey	Destroyer	June 25, 1919	1,525,533.86	60,662.51
Chemung	Tug	Mar. 14, 1917	183,169.07	64,552.01
Chester	Cruiser	Apr. 25, 1908	1,765,801.84	821,239.96
Chew	Destroyer	Dec. 12, 1918	1,511,785.80	35,338.65
Chewink	Mine sweeper	Apr. 9, 1919	634,513.23	31,430.45
Cheyenne	Monitor	Dec. 8, 1902	1,087,065.14	440,162.29
Chicago	Cruiser	Apr. 17, 1889	1,150,000.00	2,203,898.10
Childs	Destroyer	Oct. 22, 1920	1,912,680.79	20,967.81
Cincinnati	Cruiser	(*)	5,327,536.25	
Claxton	Destroyer	Sept. 13, 1919	711,879.99	22,572.63
Clemson	do	Dec. 29, 1919	1,441,945.85	68,211.24
Cleveland	Cruiser	Nov. 2, 1903	1,097,071.44	990,212.06
Coast B. S. No. 4 (Ex-Iowa)	Battleship	June 16, 1897	3,313,527.48	1,791,614.36
Coghlan	Destroyer	Mar. 31, 1921	1,534,219.17	1,635.23
Cole	do	June 19, 1919	1,493,547.91	34,335.49
Colhoun	do	June 13, 1918	1,563,892.88	181,315.68
Colorado	Battleship	(*)	10,324,401.85	
Columbia	Cruiser	Apr. 23, 1894	3,390,507.28	1,524,278.18
Comfort	Hospital ship	Sept. —, 1917	2,240,000.00	1,179,042.10
Concord	Cruiser	(*)	4,591,717.65	
Connecticut	Battleship	Sept. 29, 1906	4,566,359.78	2,403,344.33
Conner	Destroyer	Jan. 12, 1918	963,412.58	133,920.86
Constellation	Battle cruiser	(*)	4,086,998.29	
Constellation (old)	Unserviceable	1797	18,785.00	195,879.97
Constitution	Battle cruiser	(*)	1,267,850.11	
Constitution (old)	Unclassified	1797	13,320.00	148,668.97
Contocook	Tug	Aug. 20, 1920	498,284.98	9,322.49
Converse	Destroyer	Apr. 28, 1920	1,546,678.71	2,609.96
Conyngham	do	Jan. 21, 1916	885,079.73	178,584.72
Cormorant	Mine sweeper	May —, 1919	583,306.04	35,198.99
Corry	Destroyer	May 25, 1921	1,521,309.98	704.56
Cowell	do	Mar. 17, 1919	1,339,299.75	53,470.09
Crane	do	Apr. 18, 1919	1,530,201.20	21,236.53
Craven	do	Oct. 19, 1918	1,394,615.22	34,025.17
Crosby	do	Jan. 24, 1919	1,335,678.38	12,591.96
Crowninshield	do	Aug. 6, 1919	1,439,067.06	58,345.76
Culgoa	Supply ship	Dec. 3, 1898	247,704.85	1,191,575.00
Cumberland	Unclassified	1904	427,065.38	42,438.80
Cummings	Destroyer	Spet. 19, 1913	776,910.48	199,065.58
Curlew	Mine sweeper	Feb. 7, 1919	640,423.48	42,793.34
Cushing	Destroyer	Aug. 21, 1915	891,626.54	256,544.10
Cuyama	Oiler	Mar. 2, 1917	1,043,022.03	387,459.27
D-1	Submarine	Nov. 23, 1909	377,234.25	250,404.31

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Table 25.—SHIPS ON THE NAVY LIST, JANUARY 1, 1922—Continued.

Name of vessel	Type.	Date of first commissioning or purchase.	Cost (hull and machinery).	Repairs, changes, and alterations to June 30, 1921.
D-2	Submarine	Nov. 23, 1909	$376,100.98	$235,222.72
D-3	do	Sept. 8, 1910	380,318.81	246,828.35
Dahlgren	Destroyer	Jan. 6, 1919	1,444,582.97	49,539.18
Dale	do	Feb. 16, 1920	1,559,935.85	10,306.76
Dallas	do	Oct. 29, 1920	1,444,875.41	22,635.95
Davis	do	Oct. 15, 1916	825,997.41	134,367.04
Decatur	do	(*)	197,463.35	6,430.86
Delaware	Battleship	Apr. 4, 1910	4,397,025.67	2,188,679.95
DeLong	Destroyer	Sept. 20, 1919	1,704,556.39	62,614.28
Delphy	do	Nov. 30, 1918	1,593,066.61	121,512.41
Denebola	Destroyer tender	Nov. 28, 1921	2,046,756.58	----------
Dent	Destroyer	Sept. 9, 1918	1,534,548.74	115,317.00
Denver	Cruiser	May 17, 1904	1,134,844.91	1,021,861.43
Desmoines	do	Mar. 4, 1904	1,154,002.16	620,923.00
Despatch	Yacht	Aug. 1, 1917	112,000.00	86,317.60
Detroit	Cruiser	(*)	3,252,745.53	----------
Dickerson	Destroyer	Sept. 3, 1919	1,730,834.74	34,372.33
Dixie	Tender	Mar. 19, 1898	575,000.00	1,344,535.06
Dobbin	do	(*)	2,420,791.43	1,137.00
Dolphin	Gunboat	Dec. 8, 1885	350,000.00	828,044.85
Dorsey	Destroyer	Sept. 16, 1918	1,512,915.91	121,286.26
Downes	do	Feb. 11, 1916	810,829.37	248,664.59
Doyen	do	Dec. 17, 1919	1,551,586.25	7,627.42
Drayton	do	Oct. 29, 1910	643,864.54	179,658.04
Dubuque	Gunboat	June 3, 1905	334,258.99	195,062.59
Duncan	Destroyer	Aug. 30, 1913	794,277.06	400,219.13
Dupont	do	Mar. 30, 1919	1,499,199.81	43,332.20
Dyer	do	June 30, 1918	1,533,038.23	79,175.88
E-1	Submarine	Feb. 14, 1912	387,788.57	158,415.17
E-2	do	do	390,930.12	315,310.53
Eagles 1 to 19	Patrol boats			
Eagles 23 and 24	do		37,336,841.01	684,044.23
Eagles 26 to 29	do			
Eagles 31 to 60	do			
Edsall	Destroyer	Nov. 26, 1920	1,518,696.26	727.77
Edwards	do	Apr. 24, 1919	1,585,995.57	115,707.16
Edwards, John D	do	Apr. 6, 1920	1,519,864.16	16,331.14
Eider	Mine sweeper	Jan. 23, 1919	775,690.04	30,934.34
Elcano	Gunboat	Nov. 20, 1898	29,750.00	213,550.77
Elliot	Destroyer	Jan. 25, 1919	1,512,033.72	65,562.70
Ellis	do	June 7, 1919	1,500,470.83	28,693.48
Ericsson	do	Aug. 14, 1915	866,462.13	190,875.69
Essex	Gunboat	1876	117,800.00	5,150.87
Evans	Destroyer	Nov. 11, 1918	1,400,536.76	76,596.46
F-2	Submarine	June 25, 1912	470,519.44	277,964.57
F-3	do	Aug. 5, 1912	469,588.17	264,863.54
Fairfax	Destroyer	Apr. 6, 1918	1,080,900.01	74,075.35
Falcon	Mine sweeper	Nov. 12, 1918	667,760.52	59,988.85
Fanning	Destroyer	June 21, 1912	629,526.91	202,469.62
Farenholt	do	May 10, 1921	1,516,530.49	544.79
Farquhar	do	Aug. 5, 1920	1,534,133.35	2,705.63
Farragut	do	June 4, 1920	1,534,998.70	1,110.80
Finch	Mine sweeper	Sept. 10, 1918	697,913.09	31,951.30
Flamingo	do	Feb. 12, 1919	761,875.37	15,736.72
Florida	Battleship	Sept. 15, 1911	6,344,625.66	2,075,603.41
Flusser	Destroyer	Dec. 31, 1919	1,548,716.55	32,661.06
Foote	do	Mar. 21, 1919	1,345,520.49	45,012.27
Ford, John D	do	Dec. 30, 1920	1,412,221.00	21,244.81
Fox	do	May 17, 1920	1,929,626.03	6,970.92
Frederick	Cruiser	Apr. 18, 1905	3,983,738.28	1,700,331.49
Fuller	Destroyer	Feb. 28, 1920	1,531,486.37	3,759.67
Fulton	Tender	Dec. 7, 1914	515,410.79	306,757.48
G-1	Submarine	Oct. 28, 1912	470,904.29	171,767.50
G-3	do	Mar. 22, 1915	529,832.47	66,829.34
Galveston	Cruiser	Feb. 15, 1905	1,423,628.65	615,162.70
Gamble	Destroyer	Nov. 29, 1918	1,389,100.77	62,071.32
Gannet	Mine sweeper	July 10, 1919	583,947.30	13,944.31
General Alava	Transport	Mar. 9, 1900	33,253.34	256,973.20
Genesee	Tug	Nov. 10, 1917	315,000.00	88,137.87
Georgia	Battleship	Sept. 24, 1906	3,762,708.96	2,044,666.97
Gillis	Destroyer	Sept. —, 1919	1,570,247.23	75,602.13
Gilmer	do	Sept. 3, 1919	1,942,377.03	29,591.92
Glacier	Supply ship	July 5, 1898	340,550.00	1,187,334.94
Goff	Destroyer	Jan. 19, 1921	1,912,234.02	927.68
Goldsborough	do	Jan. 26, 1920	1,442,160.99	21,127.47
Gold Star	Cargo ship	Feb. 1, 1922	1,467,138.95	----------
Gopher	Unclassified	1871	41,060.00	152,583.23
Graham	Destroyer	Mar. 13, 1920	1,437,051.96	42,018.87
Grebe	Mine sweeper	Apr. 30, 1919	634,380.90	25,369.37

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Table 25.—SHIPS ON THE NAVY LIST, JANUARY 1, 1922—Continued.

Name of vessel.	Type.	Date of first commissioning or purchase.	Cost (hull and machinery).	Repairs, changes, and alterations to June 30, 1921.
Greene	Destroyer	May 10, 1919	$1,581,926.05	$10,226.26
Greer	do	Dec. 31, 1918	1,506,272.79	106,846.33
Gregory	do	June 1, 1917	1,524,393.83	138,220.07
Gridley	do	Mar. 8, 1919	1,534,401.89	30,273.74
Gulfport	Cargo ship	Sept. 1, 1917	.....	304,891.34
Gwin	Destroyer	Mar. 18, 1920	877,450.67	3,416.97
H-2	Submarine	Dec. 1, 1913	518,608.88	336,736.26
H-3	do	Jan. 16, 1914	512,247.35	319,071.31
H-4	do	Oct. 24, 1918	574,826.65	40,283.88
H-5	do	Sept. 30, 1918	572,143.63	44,722.88
H-6	do	Sept. 9, 1918	572,774.63	45,755.84
H-7	do	Oct. 24, 1918	573,169.84	49,856.15
H-8	do	Nov. 18, 1918	572,782.77	33,594.84
H-9	do	Nov. 25, 1918	572,785.67	27,383.35
Hale	Destroyer	June 12, 1919	1,433,578.14	13,736.09
Hamilton	do	Nov. 17, 1919	707,820.37	10,284.82
Hamilton, Paul	do	Sept. 24, 1920	1,534,386.35	2,354.69
Hancock	Transport	Nov. 20, 1902	600,000.00	1,039,389.68
Hannibal	Survey ship	June 7, 1898	147,941.60	655,464.12
Haraden	Destroyer	June 7, 1919	1,384,061.60	39,539.22
Harding	do	Jan. 24, 1919	1,503,782.30	112,084.60
Hart	do	May 26, 1919	1,535,833.33	76,935.75
Hartford	Unclassified	1858	256,964.05	893,602.39
Hatfield	Destroyer	Apr. 16, 1920	1,931,810.86	29,813.93
Hawk	Converted yacht	Apr. 5, 1898	50,000.00	75,661.74
Hazelwood	Destroyer	Feb. 20, 1919	1,503,037.45	9,731.67
Helena	Gunboat	July 8, 1897	417,796.91	473,878.14
Henderson	Transport	June 7, 1917	1,826,140.19	700,528.56
Henley	Destroyer	Dec. 6, 1912	667,235.52	549,097.62
Henshaw	do	Dec. 10, 1919	1,551,799.42	2,394.20
Herbert	do	Nov. 21, 1919	1,722,622.26	32,880.53
Heron	Mine sweeper	Oct. 30, 1918	707,462.56	46,668.09
Herndon	Destroyer	Sept. 14, 1920	1,437,647.14	18,136.62
Heywood	Transport	Contract not placed.	.....	.....
Hogan	Destroyer	Oct. 1, 1919	1,499,655.41	80,337.68
Holland	Submarine tender	(*)	612,130.38	.....
Hopewell	Destroyer	Mar. 21, 1919	1,411,755.80	25,882.60
Hopkins	do	Sept. 23, 1919	1,915,021.98	1,681.22
Houston	Cargo ship	July 3, 1917	.....	326,109.39
Hovey	Destroyer	Oct. 2, 1919	1,521,557.69	29,859.82
Howard	do	Jan. 29, 1920	1,494,872.31	64,640.03
Hulbert	do	Oct. 27, 1920	3,001,834.26	9,823.55
Hull	do	May 20, 1903	1,533,784.11	476.56
Humphreys	do	July 21, 1920	1,914,847.51	23,540.20
Hunt	do	Sept. 30, 1920	1,437,500.88	12,485.69
Huntington	Cruiser	Feb. 23, 1905	3,980,710.34	1,658,463.12
Huron	do	Jan. 27, 1908	3,858,169.95	1,110,798.01
Idaho	Battleship	Mar. 24, 1919	7,989,810.23	175,895.11
Illinois	do	Sept. 16, 1901	2,869,111.45	1,535,396.74
Indiana	do	(*)	3,655,658.28	.....
Ingraham	Destroyer	May 15, 1919	1,525,418.56	18,130.66
Ingram, Osmond	do	June 28, 1919	1,597,676.73	30,102.84
Iowa	Battleship	(*)	5,062,362.71	18.66
Iroquois	Tug	1898	150,000.00	297,825.88
Isabel	Yacht	Aug. —, 1917	607,753.76	171,605.13
Isherwood	Destroyer	Dec. 4, 1919	1,559,536.61	15,414.58
Israel	Destroyer	Sept. 13, 1918	1,488,515.21	72,353.29
Iuka	Tug	Oct. 29, 1920	500,920.07	11,915.28
Iwana	do	Dec. 20, 1891	33,253.57	121,777.18
James, Reuben	Destroyer	Sept. 24, 1920	1,907,523.19	16,606.49
Jarvis	do	Oct. 22, 1912	641,380.73	222,416.84
Jason	Oiler	June 26, 1913	971,869.99	568,104.41
Jenkins	Destroyer	June 15, 1912	650,712.43	187,898.99
Jones, Jacob	do	Oct. 20, 1919	1,716,614.42	65,241.92
Jones, Paul	do	Apr. 19, 1921	1,438,197.70	1,695.04
Jones, William	do	Sept. 30, 1920	1,532,045.71	978.09
Jouett	do	May 25, 1912	665,513.66	246,188.01
K-1	Submarine	Mar. 17, 1914	478,370.51	367,702.76
K-2	do	Jan. 31, 1914	481,495.45	395,712.40
K-3	do	Oct. 30, 1914	553,527.67	242,171.83
K-4	do	Oct. 24, 1914	546,465.32	230,694.85
K-5	do	Aug. 22, 1914	483,176.90	296,592.47
K-6	do	Sept. 9, 1914	483,225.66	320,701.04
K-7	do	Dec. 1, 1914	527,148.12	204,478.90
K-8	do	do	576,481.25	191,404.60
Kalk	Destroyer	Mar. 20, 1919	1,344,761.36	34,370.07
Kalmia	Tug	Nov. 18, 1919	615,780.56	35,022.58
Kanawha	Oiler	June 5, 1915	977,796.75	599,577.60
Kane	Destroyer	June 11, 1920	1,924,165.84	61,090.96

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Table 25.—SHIPS ON THE NAVY LIST, JANUARY 1, 1922—Continued.

Name of vessel.	Type.	Date of first commissioning or purchase.	Cost (hull and machinery).	Repairs, changes, and alterations to June 30, 1921.
Kansas	Battleship	Apr. 18, 1907	$4,349,318.69	$1,623,824.18
Kaweah	Oiler	Dec. 28, 1921	1,820,519.01	47,978.15
Kearsarge	Crane ship	Under conversion.	2,550,585.63	2,568,858.90
Kennedy	Destroyer	Aug. 28, 1920	1,532,122.58	1,345.56
Kennison	do	Apr. 2, 1900	717,014.44	12,388.23
Kentucky	Battleship	May 15, 1920	2,559,611.98	1,892,496.78
Keosanqua	Tug	Dec. 9, 1920	503,343.84	3,405.25
Kewaydin	do	Nov. 4, 1919	592,419.91	27,417.31
Kidder	Destroyer	Feb. 7, 1921	1,537,438.26	248.06
Kilty	do	Dec. 17, 1918	699,616.65	42,642.14
Kimberly	do	Apr. 26, 1918	1,508,287.15	160,650.02
King	do	Dec. 16, 1920	1,908,730.31	1,600.14
Kingfisher	Mine sweeper	May 27, 1918	556,114.02	24,979.97
Kittery	Cargo ship	July 6, 1917	.....	321,072.44
Koka	Tug	Feb. 18, 1920	475,948.57	508.39
L-1	Submarine	Apr. 11, 1916	617,793.11	115,159.08
L-2	do	Sept. 29, 1916	604,086.21	71,381.16
L-3	do	Apr. 22, 1916	604,149.71	59,248.94
L-4	do	May 4, 1916	604,049.49	35,948.54
L-5	do	Feb. 17, 1918	601,364.90	202,223.51
L-6	do	Dec. 8, 1917	598,660.23	160,305.42
L-7	do	do	599,340.69	151,896.66
L-8	do	Aug. 30, 1917	578,035.88	83,211.44
L-9	do	Aug. 4, 1916	631,741.13	212,095.40
L-10	do	Aug. 2, 1916	591,079.72	186,987.89
L-11	do	Aug. 15, 1916	573,454.45	151,616.35
Lamberton	Destroyer	Aug. 22, 1918	1,407,750.59	53,021.71
Lamson	do	Apr. 19, 1921	1,534,803.16	511.03
Lansdale	do	Oct. 26, 1918	1,492,748.61	47,978.15
Langley	Aircraft carrier	Under conversion.	1,326,111.36	2,111,601.21
Lapwing	Mine sweeper	June 12, 1918	620,768.05	29,658.81
Laramie	Oiler	Dec. 28, 1921	1,815,155.97	47,978.15
Lardner	Destroyer	Dec. 10, 1919	1,571,294.67	37,217.81
Lark	Mine sweeper	Apr. 12, 1919	807,360.22	59,489.65
Laub	Destroyer	Mar. 17, 1919	1,603,143.89	16,157.65
La Vallette	Destroyer	Dec. 24, 1920	1,532,423.21	376.54
Lawrence	do	Apr. 18, 1921	1,906,743.83	1,485.26
Lea	do	Oct. 2, 1918	1,515,156.26	84,605.85
Leary	do	Dec. 5, 1919	1,728,011.69	27,529.29
Lebanon	Target repair ship	Apr. 16, 1898	225,000.00	622,465.01
Lee, S. P	Destroyer	Oct. 30, 1920	1,533,372.02	947.32
Leonidas	Destroyer tender	May 21, 1898	147,941.60	491,645.06
Lexington	Battle cruiser	(*)	3,954,727.32	.....
Litchfield	Destroyer	May 12, 1920	3,919,714.84	9,791.03
Little	do	Apr. 6, 1918	1,495,076.06	90,746.78
Long	do	Oct. 20, 1919	1,523,080.55	27,666.06
Long Beach	Cargo ship	Dec. 20, 1917	.....	476,368.01
Louisiana	Battleship	June 2, 1906	4,196,351.94	2,031,470.24
Luce	Destroyer	Sept. 11, 1918	1,459,718.59	140,531.03
Ludlow	do	Dec. 23, 1918	1,531,498.60	21,969.86
Lykens	Mine sweeper	Nov. 10, 1917	300,000.00	193,955.26
M-1	Submarine	Feb. 15, 1918	622,800.78	85,532.22
Macdonough	Destroyer	Apr. 30, 1921	1,532,871.98	879.29
Mackenzie	do	July 25, 1919	1,499,358.75	58,277.05
MacLeish	do	Aug. 2, 1920	1,419,508.43	9,087.06
Maddox	do	Mar. 10, 1919	1,343,618.74	71,184.10
Mahan	do	Oct. 24, 1918	1,500,310.33	169,854.90
Mahopac	Tug	Oct. 20, 1919	475,948.63	7,017.49
Maine	Battleship	June 15, 1911	3,299,530.53	1,712,124.00
Mallard	Mine sweeper	June 25, 1919	638,940.13	39,770.53
Manley	Destroyer	Oct. 15, 1917	941,122.80	402,562.63
Marblehead	Cruiser	(*)	2,935,216.78	.....
Marcus	Destroyer	Feb. 23, 1921	1,536,424.40	945.82
Mars	Fuel ship	Aug. 26, 1909	514,634.05	555,167.29
Maryland	Battleship	July 21, 1921	16,018,988.90	7.09
Mason	Destroyer	Feb. 28, 1920	1,440,519.14	43,439.44
Massachusetts	Battleship	(*)	1,385,702.26	38.98
Mattole	Oiler	Mar. 6, 1922	1,818,798.57	.....
Maury	Destroyer	Sept. 23, 1918	1,444,706.05	114,267.59
Maumee	Fuel ship	Oct. 23, 1916	1,250,844.89	1,158,265.25
Mayflower	Converted yacht	July 25, 1905	430,000.00	787,027.08
Mayrant	Destroyer	July 12, 1911	673,547.02	430,379.49
McCall	do	Jan. 23, 1911	683,944.76	318,678.69
McCalla	do	May —, 1919	1,597,330.28	15,886.19
McCawley	do	Sept. 22, 1919	1,556,888.70	5,542.62
McCook	do	Apr. 30, 1919	1,603,979.64	13,035.67
McCormick	do	Aug. 30, 1920	1,421,051.68	737.22

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Table 25.—SHIPS ON THE NAVY LIST, JANUARY 1, 1922—Continued.

Name of vessel.	Type.	Date of first commissioning or purchase.	Cost (hull and machinery).	Repairs, changes, and alterations to June 30, 1921.
McDermut	Destoyer	Mar. 27, 1919	$1,587,611.43	$99,749.96
McDougal	do	June 16, 1914	832,046.14	357,159.60
McFarland	do	Sept. 30, 1920	1,908,771.00	9,800.79
McKean	do	Feb. 25, 1919	1,531,907.10	55,848.36
McKee	do	Sept. 7, 1918	1,519,965.70	136,388.40
McLanahan	do	Apr. 5, 1919	1,587,272.42	6,076.71
Meade	do	Sept. 8, 1919	1,599,297.46	54,130.61
Medusa	Repair ship	(*)	2,016,300.80	
Melville	Tender	Dec. 3, 1915	1,332,387.40	120,003.78
Melvin	Destroyer	May 31, 1921	1,519,798.01	287.36
Memphis	Cruiser	(*)	2,937,308.28	
Mercy	Hospital ship	Nov. —, 1917	2,240,000.00	1,762,801.84
Meredith	Destroyer	Jan. 29, 1919	1,348,432.23	74,406.56
Mervine	do	Mar. 1, 1921	1,535,568.75	209.51
Meyer	do	Dec. 17, 1919	1,559,581.20	4,229.53
Michigan	Battleship	Jan. 4, 1910	3,848,615.13	1,527,865.07
Milwaukee	Cruiser	(*)	5,538,401.09	
Minnesota	Battleship	Mar. 9, 1907	4,299,740.72	2,257,021.46
Mississippi	do	Dec. 18, 1917	7,616,874.74	756,293.27
Missoula	Cruiser	July 21, 1908	3,679,465.56	891,967.58
Missouri	Battleship	Dec. 1, 1903	3,150,003.72	1,505,646.58
Mohave	Tug	—— —, 1914	125,666.67	126,951.47
Mohawk	do	—— —, 1898	44,000.00	168,872.79
Monadnock	Monitor	Feb. 20, 1896	2,069,622.23	493,775.79
Monaghan	Destroyer	June 21, 1911	644,102.64	273,630.91
Monocacy	Gunboat	June 24, 1914	145,281.74	53,800.76
Montana	Battleship	(*)	2,997,065.05	9,908.88
Montealm	Tug	Jan. 19, 1921	502,318.87	2,828.46
Monterey	Monitor	Feb. 13, 1893	1,871,393.95	666,997.98
Montgomery	Destroyer	July 26, 1918	1,394,993.98	71,850.96
Moody	do	Dec. 10, 1919	1,555,836.43	4,028.76
Morris	do	July 21, 1919	1,597,907.08	63,494.85
Mugford	do	Nov. 25, 1918	1,540,403.88	52,606.10
Mullany	do	Mar. 29, 1921	1,533,221.44	381.92
Murray	do	Aug. 21, 1918	1,487,253.59	192,237.88
N-1	Submarine	Sept. 26, 1917	507,885.95	12,076.47
N-2	do	do	504,810.12	25,592.68
N-3	do	do	504,925.90	19,422.15
N-4	do	June 15, 1918	483,775.43	48,275.34
N-5	do	June 13, 1918	479,919.20	61,450.39
N-6	do	July 9, 1918	486,863.77	58,307.22
N-7	do	June 15, 1918	487,224.46	38,365.06
Nanshan	Fuel ship	—— —, 1898	155,728.00	505,599.47
Nantucket	Gunboat		127,962.00	563,313.21
Napa	Tug	Dec. 5, 1919	475,948.57	9,662.82
Nashville	Gunboat	Aug. 19, 1897	463,849.92	576,071.33
Navajo	Tug	Nov. 21, 1907	115,000.00	169,025.78
Nebraska	Battleship	July 1, 1907	3,949,763.05	1,712,334.27
Neches	Fuel ship	Oct. 25, 1920	2,760,714.04	18,683.80
Neptune	do	Sept. 20, 1911	914,545.55	856,013.39
Nereus	do	Sept. 10, 1913	1,023,854.15	624,303.34
Nero	do	June 8, 1898	215,000.00	732,422.93
Nevada	Battleship	Mar. 11, 1916	6,119,160.71	1,533,209.76
New Hampshire	do	Mar. 19, 1908	4,132,172.57	1,533,633.31
New Jersey	do	Mar. 12, 1906	3,620,375.70	2,526,185.02
New Mexico	do	May 20, 1918	9,367,096.27	501,894.36
New Orleans	Cruiser	Mar. 18, 1898	1,430,091.59	1,067,611.91
Newport	Gunboat	Oct. 5, 1897	297,770.82	279,927.59
Newport News	Cargo ship	July 14, 1917		474,136.32
New York	Battleship	Apr. 15, 1914	6,235,951.01	1,477,220.24
Niagara	Yacht	Dec. 3, 1917	175,000.00	726,899.92
Nicholas	Destroyer	Nov. 23, 1920	1,533,564.36	1,274.39
Nicholson	do	Apr. 30, 1915	853,845.93	177,445.63
Nitro	Ammunition ship	Apr. 1, 1921	3,867,695.04	600.44
Noa	Destroyer	Feb. 15, 1921	699,094.25	4,280.73
Nokomis	Yacht	Dec. 3, 1917	501,000.00	98,704.42
North Carolina	Battleship	(*)	4,975,894.06	4,106.25
North Dakota		Apr. 11, 1910	4,748,313.18	3,813,204.42
O-1	Submarine	Nov. 5, 1918	784,003.71	71,835.08
O-2	do	Oct. 19, 1918	699,630.65	11,535.56
O-3	do	June 13, 1918	598,388.86	147,011.30
O-4	do	May 28, 1918	496,896.76	263,019.00
O-5	do	June 18, 1918	564,611.80	158,201.31
O-6	do	June 11, 1918	572,425.17	110,360.97
O-7	do	July 4, 1918	597,793.91	118,924.42
O-8	do	July 11, 1918	599,538.96	110,005.46
O-9	do	July 27, 1918	592,180.45	119,964.38
O-10	do	Aug. 17, 1918	627,640.35	104,061.18
O-11	do	Oct. 19, 1918	35,911.43	58,736.34

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Table 25.—SHIPS ON THE NAVY LIST, JANUARY 1, 1922—Continued.

Name of vessel.	Type.	Date of first commissioning or purchase.	Cost (hull and machinery).	Repairs, changes, and alterations to June 30, 1921.
O-12	Submarine	Oct. 19, 1918	$662,821.35	$54,787.09
O-13	do	Nov. 27, 1918	657,046.88	44,220.41
O-14	do	Sept. 13, 1918	634,043.63	51,838.05
O-15	do	Aug. 27, 1918	651,373.96	54,467.35
O-16	do	Aug. 1, 1918	644,428.20	42,641.11
O'Bannon	Destroyer	Aug. 27, 1919	1,499,947.73	63,896.76
O'Brien	do	May 22, 1915	863,984.51	208,968.85
Ohio	Battleship	Oct. 4, 1914	3,096,049.56	1,706,125.21
Oklahoma	do	May 2, 1916	6,292,760.54	1,141,010.32
Olympia	do	Feb. 5, 1885	2,342,242.79	1,692,367.85
Omaha	Cruiser	(*)	5,681,498.41	
Ontario	Tug	Aug. 24, 1912	210,137.97	118,936.14
Oregon	Battleship	July 15, 1896	3,914,340.04	1,858,683.93
Oriole	Minesweeper	Nov. 5, 1918	634,942.22	48,813.05
Orion	Fuel ship	July 29, 1912	974,823.72	598,561.05
Ortolan	Minesweeper	Sept. 5, 1919	619,140.84	26,965.45
Osborne	Destroyer	May 17, 1920	1,557,269.10	3,985.27
Osceola	Tug	——, 1918	100,000.00	194,962.10
Osprey	Minesweeper	Jan. 7, 1919	668,951.28	24,238.28
Overton	Destroyer	June 30, 1920	1,912,170.56	5,933.95
Ozark	Monitor	Oct. 28, 1902	1,110,024.65	392,554,15
Owl	Minesweeper	July 11, 1918	547,756.43	73,794.88
Paducah	Gunboat	Sept. 2, 1905	391,784.45	342,312.51
Palmer	Destroyer	Nov. 22, 1918	1,358,388.74	28,319.19
Palos	Gunboat	June 24, 1914	146,153.99	49,065.11
Pampanga	do	June 8, 1899	18,000.00	98,797.24
Panther	Tender	Apr. 22, 1898	375,000.00	871,587.16
Parker	Destroyer	Dec. 30, 1913	762,077.43	258,176.77
Parrott	do	May 11, 1920	1,519,176.37	5,619.58
Partridge	Minesweeper	June 17, 1919	919,821.67	14,730.70
Patapsco	Tug	——, 1908	219,402.53	147,561.83
Patoka	Oiler	Oct. 13, 1919	2,108,880.61	
Patterson	Destroyer	Oct. 11, 1921	633,161.80	355,245.27
Patuxent	Tug	——, 1908	212,167.02	212,581.32
Paulding	Destroyer	Sept. 29, 1910	652,928.16	206,989.19
Paulding, James K	do	Nov. 29, 1920	1,922,670.74	1,338.25
Peacock	Minesweeper	Dec. 27, 1919	614,195.60	2,233.88
Perry	Destroyer	Oct. 22, 1920	1,421,104.27	20,895.81
Pecos	Fuel ship	Aug. 25, 1921	2,326,252.03	750.09
Pelican	Minesweeper	Oct. 10, 1918	682,272.63	97,310.51
Pennsylvania	Battleship	June 12, 1916	7,363,989.39	1,279,287.23
Penguin	Minesweeper	Nov. 21, 1918	762,145.74	51,862.56
Pensacola	Cargo ship	Oct. 8, 1917		208,911.42
Percival	Destroyer	Mar. 31, 1920	1,529,781.26	7.54
Perkins	do	Nov. 18, 1910	603,166.04	275,055.51
Perry	do	(*)	207,927.65	6,247.29
Philadelphia	Unclassified	1890	1,561,392.47	824,872.25
Philip	Destroyer	Aug. 24, 1918	1,395,157.29	97,734.67
Pigeon	Mine sweeper	July 15, 1919	490,010.16	9,882.26
Pillsbury	Destroyer	Dec. 15, 1920	1,519,445.09	19,430.26
Pinola	Tug	Feb. 7, 1920	475,948.58	4,465.20
Piscataqua	do	1898	130,000.00	316,490.76
Pittsburgh	Cruiser	Mar. 9, 1905	3,951,409.22	1,493,750.23
Pompey	Tender	May 26, 1898	111,929.50	373,735.51
Pope	Destroyer	Oct. 27, 1920	1,421,066.40	25,043.64
Porter	do	Apr. 17, 1916	879,938.14	157,805.34
Potomac	Tug	1898	125,300.00	419,339.93
Prairie	Destroyer tender	Apr. 14, 1898	575,000.00	1,614,688.98
Preble	Destroyer	Mar. 19, 1920	1,583,507.57	10,122.61
Preston	do	Apr. 13, 1921	1,534,821.96	297.80
Preston, William B	do	Aug. 23, 1920	689,208.69	21,338.06
Prometheus	Fuel ship	Jan. 15, 1910	1,605,622.20	603,346.57
Procyon	Auxiliary, miscellaneous.	Nov. 30, 1921	1,638,211.05	
Proteus	Fuel Ship	July 9, 1913	998,652.53	630,884.50
Pruitt	Destroyer	Sept. 2, 1920	1,538,287.72	1,286.69
Pueblo	Cruiser	Jan. 19, 1905	3,960,664.29	1,675,415.76
Putnam	Destroyer	Dec. 18, 1919	1,580,698.02	40,230.14
Pyro	Ammunition ship	Aug. 10, 1920	3,705,539.03	94,017.24
Quail	Mine sweeper	Oct. 17, 1919	921,174.67	33,271.28
Quincy	Cargo ship	Feb. 2, 1918		343,106.14
Quiros	Gunboat	Mar. 14, 1900	33,253.33	128,375.10
R-1	Submarine	Dec. 16, 1918	918,098.65	73,122.14
R-2	do	Jan. 24, 1919	910,858.09	29,391.70
R-3	do	Apr. 17, 1919	875,762.49	33,965.30
R-4	do	Mar. 28, 1919	892,845.19	30,228.64
R-5	do	Apr. 15, 1919	892,845.49	28,729.43
R-6	do	May 1, 1919	889,362.44	38,717.71
R-7	do	June 12, 1919	858,759.76	34,340.41

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Table 25.—SHIPS ON THE NAVY LIST, JANUARY 1, 1922—Continued.

Name of vessel.	Type.	Date of first commissioning or purchase.	Cost (hull and machinery).	Repairs, changes, and alterations to June 30, 1921.
R-8	Submarine	June 21, 1919	$888,430.81	$27,145.97
R-9	do	July 30, 1919	884,390.72	29,606.85
R-10	do	Aug. 20, 1919	826,186.20	26,788.77
R-11	do	Sept. 5, 1919	819,478.53	12,945.02
R-12	do	Sept. 23, 1919	822,312.50	11,022.37
R-13	do	Oct. 17, 1919	817,209.05	11,814.67
R-14	do	Dec. 24, 1919	821,539.41	9,976.74
R-15	do	July 27, 1918	931,149.95	38,763.04
R-16	do	Aug. 5, 1918	946,790.77	46,466.13
R-17	do	Aug. 17, 1918	930,927.44	27,703.30
R-18	do	Sept. 11, 1918	904,616.82	40,134.65
R-19	do	Oct. 7, 1918	900,740.84	39,487.46
R-20	do	Oct. 26, 1918	914,220.07	42,605.31
R-21	do	June 17, 1919	965,578.80	787.32
R-22	do	Aug. 1, 1919	934,126.08	1,958.93
R-23	do	Oct. 23, 1919	932,351.66	678.59
R-24	do	June 27, 1919	929,363.27	722.70
R-25	do	Oct. 23, 1919	900,833.80	82.91
R-26	do	do	912,156.44	55.44
R-27	do	Sept. 3, 1919	902,856.09	74.96
Radford	Destroyer	Sept. 30, 1918	1,399,129.07	77,406.62
Rail	Mine sweeper	June 5, 1918	554,735.60	73,616.35
Rainbow	Submarine tender	July 18, 1898	176,260.00	1,627,929.81
Raleigh	Cruiser	(*)	3,252,745.88	
Ramapo	Oiler	Nov. 15, 1919	2,108,880.61	
Ramsay	Destroyer	Feb. 15, 1919	1,384,142.22	48,792.60
Ranger	Battle cruiser	(*)	2,086,316.44	
Rapidan	Oiler	Jan. 1, 1922	2,110,765.87	
Rappahannock	Cargo ship	Dec. 8, 1917		760,166.64
Rathburne	Destroyer	June 24, 1918	1,528,080.94	109,530.64
Redwing	Mine sweeper	Oct. 17, 1919	491,229.33	25,266.55
Regulus	Cargo ship		1,378,057.57	
Reid	Destroyer	Dec. 3, 1919	1,554,364.29	11,487.54
Reina Mercedes	Unclassified	1898		394,677.67
Relief	Hospital ship	Dec. 28, 1920	4,406,579.94	22,030.93
Reno	Destroyer	July 23, 1920	1,536,122.96	19,063.75
Renshaw	do	July 31, 1919	1,506,726.15	75,989.10
Rhode Island	Battleship	Feb. 19, 1916	3,616,932.72	2,150,952.11
Richmond	Cruiser	(*)	4,591,817.73	
Rigel	Destroyer tender	Feb. 24, 1922	2,089,785.95	
Ringgold	Destroyer	Nov. 14, 1918	1,520,089.76	72,259.33
Rizal	do	May 28, 1919	1,502,339.18	103,998.39
Robin	Mine sweeper	Aug. 29, 1918	522,988.93	106,153.08
Robinson	Destroyer	Oct. 19, 1918	1,535,142.43	136,108.78
Rochester	Cruiser	Aug. 1, 1893	3,531,007.00	3,190,179.28
Rodgers	Destroyer	July 22, 1919	1,602,386.08	36,996.24
Roe	do	Sept. 17, 1910	642,761.30	320,924.28
Roper	do	Feb. 15, 1919	1,507,381.51	83,568.18
Rowan	do	Aug. 22, 1916	800,907.65	164,699.87
S-1	Submarine	June 5, 1920	1,136,093.27	2,238.95
S-2	do	May 25, 1920	1,800,052.64	23,066.84
S-3	do	Jan. 30, 1919	1,484,403.46	143,591.76
S-4	do	Nov. 19, 1919	1,436,896.71	24,996.10
S-6	do	May 17, 1920	1,422,021.76	7,056.67
S-7	do	July 1, 1920	1,425,674.57	551.33
S-8	do	Oct. 1, 1920	1,269,489.42	8,603.55
S-9	do	Feb. 1, 1920	1,284,021.06	215.12
S-10	do	(*)	1,429,397.15	
S-11	do	(*)	1,388,790.98	
S-12	do	(*)	1,383,592.65	619.14
S-13	do	(*)	1,384,286.59	
S-14	do	Feb. 11, 1921	2,177,934.10	1,807.89
S-15	do	Jan. 15, 1921	2,158,616.60	8,200.79
S-16	do	Dec. 17, 1920	2,168,048.80	1,794.37
S-17	do	Mar. 1, 1921	2,199,450.20	1,983.36
S-18	do	(*)	1,440,010.58	2,961.83
S-19	do	(*)	1,438,686.55	4.31
S-20	do	(*)	1,440,051.13	
S-21	do	Aug. 24, 1921	1,440,011.56	
S-22	do	(*)	1,440,011.57	
S-23	do	(*)	1,440,008.60	
S-24	do	(*)	1,440,014.65	
S-25	do	(*)	1,440,011.67	
S-26	do	(*)	1,440,011.68	
S-27	do	(*)	1,440,011.72	5.68
S-28	do	(*)	1,441,580.63	Cr. 1.68
S-29	do	(*)	1,440,548.61	
S-30	do	Oct. 29, 1920	1,239,408.47	2,915.15
S-31	do	(*)	1,219,371.80	Cr. 7.70

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Table 25.—SHIPS ON THE NAVY LIST, JANUARY 1, 1922—Continued.

Name of vessel.	Type.	Date of first commissioning or purchase.	Cost (hull and machinery).	Repairs, changes, and alterations to June 30, 1921.
S-32	Submarine	(*)	$1,219,319.30	
S-33	do	(*)	1,219,297.04	
S-34	do	(*)	1,219,737.27	$3.76
S-35	do	(*)	1,219,488.62	
S-36	do	(*)	1,219,473.23	
S-37	do	(*)	1,219,475.36	
S-38	do	(*)	1,219,473.19	
S-39	do	(*)	1,219,473.16	
S-40	do	(*)	1,219,496.76	6.76
S-41	do	(*)	1,219,473.51	10.66
S-42	do	(*)	573,714.89	
S-43	do	(*)	567,980.60	139.69
S-44	do	(*)	567,980.58	
S-45	do	(*)	567,980.55	
S-46	do	(*)	567,980.54	
S-47	do	(*)	562,844.72	
S-48	do	(*)	1,523,977.17	
S-49	do	(*)	1,523,972.93	Cr. 7.42
S-50	do	(*)	1,523,973.20	
S-51	do	(*)	1,528,605.65	
Sacramento	Gunboat	Apr. 26, 1914	472,166.42	186,862.43
Sagamore	Tug	1917	361,439.01	73,843.92
Salem	Cruiser	Aug. 1, 1908	1,617,226.87	1,409,686.47
Salinas	Oiler	Dec. 16, 1921	2,112,918.69	
Sampson	Destroyer	June 27, 1916	808,705.16	170,123.46
Sanderling	Mine sweeper	Dec. 4, 1918	646,345.92	47,575.87
Sandpiper	do	Oct. 9, 1919	628,291.21	34,004.94
Sands	Destroyer	Nov. 10, 1920	1,920,337.00	4,023.98
San Francisco	Special type	Aug. 21, 1911	1,738,257.82	2,214,127.97
Sapelo	Oiler	Feb. 19, 1920	2,108,880.60	
Saratoga	Battle cruiser	(*)	3,993,603.56	
Satterlee	Destroyer	Dec. 23, 1918	1,439,200.61	55,783.93
Saturn	Fuel ship	Apr. 11, 1898	290,000.00	690,892.98
Savannah	Submarine tender	Nov. 3, 1917		1,084,570.54
Schenk	Destroyer	Oct. 30, 1919	1,735,252.97	30,870.47
Schley	do	Sept. 20, 1918	1,512,537.57	22,433.18
Sciota	Tug	Nov. 13, 1919	475,948.58	669.07
Sea Gull	Mine sweeper	Mar. 7, 1919	670,590.55	15,100.48
Sea Rover	Tug	Mar. 6, 1919	178,000.00	21,121.50
Seattle	Cruiser	Aug. 7, 1905	4,207,435.12	1,193,201.29
Sebago	Tug	1898	28,000.00	105,986.65
Selfridge	Destroyer	Feb. 17, 1921	1,535,012.72	202.33
Semmes	do	Feb. 21, 1920	1,440,414.60	74,797.33
Sepulga	Oiler	Jan. 13, 1922	2,109,422.27	
Sharkey	Destroyer	Nov. 28, 1919	1,561,123.65	15,119.18
Shaw	do	Apr. 9, 1917	695,605.23	309,888.02
Shawmut	Mine planter	Jan. 7, 1918	1,350,000.00	1,150,754.80
Shirk	Destroyer	Feb. 5, 1921	1,537,078.66	438.51
Shubrick	do	July 3, 1919	1,582,083.46	21,732.70
Sicard	do	June 9, 1920	1,590,018.84	9,853.54
Sigourney	do	May 15, 1918	1,489,676.02	81,872.33
Simpson	do	Nov. 3, 1920	1,421,081.44	3,759.99
Sinclair	do	Oct. 8, 1919	1,559,310.92	8,699.81
Sirius	Cargo ship	Jan. 20, 1922		
Sloat	Destroyer	Dec. 30, 1920	1,532,141.10	743.24
Smith, Robert	do	Mar. 17, 1921	1,534,359.62	332.47
Solace	Hospital ship	Apr. 14, 1898	600,000.00	1,346,881.61
Somers	Destroyer	June 23, 1920	1,534,512.41	8,513.88
Sonoma	Tug	Aug. 24, 1912	198,778.55	144,755.85
Southard	Destroyer	Sept. 24, 1919	1,526,118.33	27,250.88
South Carolina	Battleship	Mar. 1, 1910	3,901,960.97	1,501,894.69
South Dakota	do	(*)	4,674,909.95	1,105.59
Southery	Unclassified	1898	100,000.00	284,990.49
Spica	Cargo ship		1,820,521.32	
Sproston	Destroyer	July 12, 1919	1,501,163.64	65,545.23
Stansbury	do	Jan. 8, 1920	1,500,080.31	60,695.63
Sterett	do	Dec. 15, 1910	617,474.90	302,537.65
Stevens	do	May 24, 1918	1,537,285.14	113,672.34
Stewart	do	Sept. 15, 1920	1,421,423.40	29,177.39
St. Louis	Cruiser	Aug. 18, 1906	2,851,838.65	1,134,284.60
Stockton	Destroyer	Nov. 26, 1917	966,194.52	182,304.04
Stoddert	do	June 30, 1920	1,534,631.04	5,713.45
Stribling	do	Aug. 16, 1918	1,476,796.17	67,023.30

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Table 25.—SHIPS ON THE NAVY LIST, JANUARY 1, 1922—Continued.

Name of vessel.	Type.	Date of first commissioning or purchase.	Cost (hull and machinery).	Repairs, changes, and alterations to June 30, 1921.
Stringham	Destroyer	July 2, 1918	$1,504,605.66	$116,790.62
Sturgeon Bay	Unclassified			
Sturtevant	Destroyer	Sept. 21, 1920	1,906,955.53	4,610.85
Submarine chasers			7,599,316.23	922,950.04
Sumner	Destroyer	May 27, 1921	1,519,775.89	275.84
Sunnadin	Tug	Oct. 21, 1919	475,948.64	8,442.77
Swallow	Mine sweeper	Oct. 8, 1918	539,119.75	52,547.10
Swan	do	Jan. 31, 1919	833,340.73	20,510.73
Swasey	Destroyer	Aug. 8, 1919	1,596,343.87	72,837.86
Sylph	Yacht	Aug. 18, 1898	50,000.00	134,862.65
T-1	Fleet submarine	Jan. 30, 1920	1,390,060.37	67,503.89
T-2	do	Jan. 7, 1922	1,444,422.84	445.35
T-3	do	Dec. 7, 1920	1,429,934.66	3,373.33
Tacoma	Cruiser	Jan. 30, 1904	1,112,202.58	840,761.81
Tadousac	Tug	June 13, 1919	605,333.08	32,075.14
Talbot	Destroyer	July 20, 1918	1,527,319.63	103,430.79
Talbott, Fred J	do	June 30, 1919	1,493,698.73	29,954.26
Tallahassee	Monitor	June 18, 1903	1,015,235.10	367,380.97
Tanager	Mine sweeper	June 29, 1918	636,815.41	65,236.06
Tarbell	Destroyer	Nov. 27, 1918	1,497,773.32	72,530.85
Tatnuck	Tug	July 26, 1919	475,948.73	9,261.08
Tattnall	Destroyer	June 26, 1919	1,714,141.07	19,179.48
Taylor	do	June 1, 1918	1,164,190.69	132,173.00
Teal	Mine sweeper	Aug. 20, 1918	669,921.95	50,391.54
Tennessee	Battleship	June 3, 1920	14,040,117.92	71,847.78
Tern	Mine sweeper	May —, 1919	669,336.99	4,328.04
Terry	Destroyer	Oct. 18, 1910	639,289.34	350,425.13
Texas	Battleship	Mar. 12, 1914	5,944,239.97	1,653,203.58
Thatcher	Destroyer	Jan. 14, 1919	1,361,862.75	11,823.28
Thomas	do	Apr. 25, 1919	1,425,496.46	65,195.51
Thompson	do	Aug. 16, 1920	1,532,951.38	1,858.81
Thompson, Sara	Fuel ship	Sept. 16, 1918	700,000.00	275,916.11
Thompson, Smith	Destroyer	Dec. 10, 1919	1,522,394.40	9,739.92
Thornton	do	July 15, 1919	1,595,212.29	93,524.49
Thrush	Mine sweeper	Apr. 25, 1919	755,550.54	16,542.79
Tillamook	Tug	Dec. 2, 1914	125,666.66	79,424.98
Tillman	Destroyer	Apr. 30, 1921	1,558,987.28	47.62
Tingey	do	July 25, 1919	1,596,031.91	61,891.81
Tippecanoe	Oiler	Mar. 6, 1922	2,108,880.59	
Tonopah	Monitor	Mar. 5, 1903	1,106,212.51	501,813.41
Topeka	Gunboat	1898	170,327.50	1,057,329.43
Toucey	Destroyer	Dec. 9, 1919	1,552,938.54	23,388.43
Tracy	do	Mar. 9, 1920	1,522,791.81	11,368.75
Trenton	Cruiser	Building	2,936,979.12	
Trevor	Destroyer	(*)	388,417.53	6,774.54
Trinity	Oiler	Sept. 4, 1920		
Trippe	Destroyer	Mar. 23, 1911	653,564.22	185,950.11
Triton	Tug	No record	35,000.00	116,652.32
Truxton	Destroyer	Sept. 11, 1902	1,428,949.09	7,909.28
Tucker	do	Apr. 11, 1906	873,155.90	164,578.48
Tulsa	Gunboat	Building	933,589.92	
Turkey	Mine sweeper	Dec. 13, 1918	961,490.66	67,860.98
Turner	Destroyer	Sept. 24, 1919	1,557,615.19	81,503.10
Twiggs	do	July 28, 1919	1,706,017.98	56,993.66
Umpqua	Tug	Dec. 6, 1919	591,851.84	43,007.57
Undaunted	Mine sweeper	Feb. 15, 1918	222,500.00	59,636.08
United States	Battle cruiser	(*)	1,289,874.01	
Upshur	Destroyer	Dec. 23, 1918	1,518,904.59	98,073.38
Upshur, Abel P	do	Nov. 23, 1920	1,440,331.35	21,127.74
Utah	Battleship	Aug. 31, 1911	4,210,023.52	2,055,274.68
V-1	Fleet submarine	(*)	250,276.35	
V-2	do	(*)	219,077.34	
V-3	do	(*)	193,803.30	
V-4	do	Contract not placed.		
V-5	do			
V-6	do			
V-7	do			
V-8	do			
V-9	do			
Vega	Cargo ship	Dec. 21, 1921	144,000.00	111,139.38
Vermont	Battleship	Aug. 31, 1911	4,321,529.29	1,821,816.99
Vestal	Repair ship	Aug. 4, 1909	1,625,176.36	666,821.16
Vesuvius	Unclassified	June 7, 1890	360,007.94	373,153.18
Vicksburg	Gunboat	Oct. 23, 1897	285,627.46	394,578.78
Villalobos	do	Mar. 5, 1900	33,263.33	73,551.60

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Table 25.—SHIPS ON THE NAVY LIST, JANUARY 1, 1922—Continued.

Name of vessel.	Type.	Date of first commissioning or purchase.	Cost (hull and machinery).	Repairs, changes, and alterations to June 30, 1921.
Vireo	Mine sweeper	Oct. 16, 1919	$553,327.74	$35,736.94
Virginia	Battleship	May 7, 1906	3,696,332.47	2,422,296.05
Vixen	Converted yacht	Apr. 11, 1898	150,000.00	277,729.97
Vulcan	Fuel ship	Oct. 2, 1909	515,136.49	468,469.55
Wadsworth	Destroyer	June 23, 1915	895,972.31	109,351.54
Wainwright	do	May 12, 1916	842,462.58	193,326.96
Walke	do	July 22, 1911	635,827.11	316,174.22
Walker	do	Jan. 31, 1919	1,355,326.69	14,262.66
Wandank	Tug	Mar. 23, 1920	586,245.00	18,262.65
Wando	do	No record	131,187.43	74,580.23
Warbler	Mine sweeper	Dec. 22, 1919	532,860.00	443.19
Ward	Destroyer	July 24, 1918	689,841.41	87,595.99
Ward, Aaron	do	Apr. 21, 1919	1,446,722.68	47,541.05
Warrington	do	Mar. 20, 1911	663,596.86	434,787.10
Washington	Battleship	(*)	10,293,602.41	
Wasmuth	Destroyer	Dec. 16, 1921	461,219.89	8,258.78
Waters	do	Aug. 8, 1918	1,530,980.89	94,741.12
Welles	do	Sept. 2, 1919	1,552,236.40	76,777.48
West Virginia	Battleship	(*)	9,048,026.11	
Wheeling	Gunboat	Aug. 10, 1897	255,423.53	415,370.43
Whipple	Destroyer	Apr. 23, 1920	1,519,462.65	10,691.21
Whippoorwill	Mine sweeper	Apr. 1, 1919	839,944.90	44,337.03
Whitney	Tender	(*)	722,449.11	145.54
Wickes	Destroyer	July 31, 1918	1,381,920.18	90,293.21
Widgeon	Mine sweeper	July 28, 1918	661,409.08	225,957.35
Wilkes	Destroyer	Nov. 9, 1916	802,554.27	134,047.39
Willet	Mine sweeper	Jan. 29, 1920	575,844.23	1,286.24
Williams	Destroyer	Mar. 1, 1919	1,532,916.48	25,354.07
Williamson	do	Oct. 29, 1920	1,920,213.59	6,793.80
Wilmette	Unclassified		175,000.00	595,724.19
Wilmington	Gunboat	May 13, 1917	414,866.04	563,911.14
Winslow	Destroyer	Aug. 7, 1915	856,100.67	163,096.75
Wisconsin	Battleship	Feb. 4, 1901	2,906,601.61	1,461,153.91
Wolverine	Unserviceable	No record	47,795.00	
Wood	Destroyer	Jan. 28, 1921	1,538,086.15	557.54
Woodbury	do	Oct. 20, 1920	1,533,385.77	1,422.05
Woodcock	Mine sweeper	Feb. 19, 1919	958,994.24	39,835.58
Wood, Welborn C.	Destroyer	Jan. 14, 1920	1,443,526.28	8,191.93
Worden	do	Feb. 24, 1920	1,550,267.09	21,216.00
Wright	Aircraft tender	Dec. 16, 1921	404,726.69	26,155.85
Wyoming	Battleship	Sept. 25, 1912	4,749,256.29	1,700,165.04
Yantic	Unclassified	1864	62,030.00	62,219.88
Yarborough	Destroyer	Dec. 31, 1920	1,532,269.58	506.96
Yarnall	do	Nov. 29, 1918	1,503,488.54	61,906.87
Young	do	Nov. 29, 1920	1,532,923.42	525.52
Yukon	Store ship	Dec. 6, 1921	2,545,738.34	
Zane	Destroyer	Feb. 15, 1921	507,675.31	9,458.14
Zeilin	do	Dec. 10, 1920	1,533,010.97	1,346.18
Total			1,194,160,796.15	206,307,283.27

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Table 26.—TIME REQUIRED TO BUILD BATTLESHIPS IN ENGLAND.

Names.	Authorized.	Date of order or contract.	Keel laid.	Date of first commission.	Time from order or contract to first commission.	Time from laying of keel to first commission.
					Yrs. mos.	Yrs. mos.
Implacable	1897	.....	July, 1898	Sept. 10, 1901	.....	3 2
Irresistible	1897	.....	Apr., 1898	Feb. 4, 1902	.....	3 10
Bulwark	1898	.....	Mar., 1899	Mar. 18, 1902	.....	3 0
London	1898	.....	Dec., 1898	June 7, 1902	.....	3 6
Venerable	1898	.....	Jan., 1899	Nov. 12, 1902	.....	3 10
Russell	1898	.....	Mar., 1899	Feb. 19, 1903	.....	3 11
Exmouth	1898	.....	Aug., 1899	June 2, 1903	.....	3 10
Montagu	1898	.....	Nov., 1899	July 28, 1903	.....	3 8
Duncan	1898	.....	July, 1899	Oct. 8, 1903	.....	4 3
Albermarle	1899	.....	Jan., 1900	Nov. 12, 1903	.....	3 10
Cornwallis	1899	.....	July, 1899	Feb. 9, 1904	.....	4 7
Queen	1900	.....	Mar., 1901	Apr. 7, 1904	.....	3 1
Prince of Wales	1900	.....	.....do.....	May 18, 1904	.....	3 2
Swiftsure	1903	.....	Mar., 1902	June 21, 1904	.....	2 3
Triumph	1903	.....	.....do.....	.....do.....	.....	2 3
King Edward VII	1901	.....	.....do.....	Feb. 7, 1905	.....	2 11
Commonwealth	1901	.....	June, 1902	May 9, 1905	.....	2 11
New Zealand	1902	.....	Feb., 1903	July 11, 1905	.....	2 5
Dominion	1901	.....	May, 1902	Aug. 15, 1905	.....	3 3
Hindustan	1902	.....	Oct., 1902	Aug. 22, 1905	.....	2 10
Britannia	1903	.....	Feb., 1904	Oct. 2, 1906	.....	2 8
Africa	1903	.....	Jan., 1904	Nov. 6, 1906	.....	2 10
Dreadnaught	1905	Jan. —, 1905	Oct., 1905	Dec. 11, 1906	1 11	1 2
Hibernia	1903	.....	Jan., 1904	Jan. 2, 1907	.....	3 0
Agamemnon	1904	.....	May, 1905	June 25, 1908	.....	3 1
Lord Nelson	1904	.....	.....do.....	Dec. 1, 1908	.....	3 7
Bellerophon	1906	Sept. 12, 1906	Dec., 1906	Feb. 20, 1909	2 5	2 2
Temeraire	1906	Sept. 23, 1906	Jan., 1907	May 15, 1909	2 8	2 4
Superb	1906	Dec. 26, 1906	Feb., 1907	May 29, 1909	2 5	2 3
St. Vincent	1907	Sept. 30, 1907	Dec., 1907	May 3, 1910	2 7	2 4
Collingwood	1907	Oct. 1, 1907	Feb., 1908	Apr. 19, 1910	2 6	2 2
Vanguard	1907	Dec. 28, 1907	Apr., 1908	Mar. 1, 1910	2 3	1 11
Neptune	1908	.....	Jan., 1909	Jan. 11, 1911	.....	2 0
Colossus	1909	May —, 1909	July, 1909	July —, 1911	2 2	2 0
Hercules	1909	.....do.....	Aug., 1909	.....do.....	2 2	1 11
Conquerer	1909	.....	Apr., 1910	Mar. —, 1913	.....	2 1
Thunderer	1909	.....	.....do.....	June 15, 1912	.....	2 2
Monarch	1909	.....	.....do.....	Apr. 27, 1912	.....	2 1
King George V	1910	.....	Jan., 1911	Nov. 16, 1912	.....	1 10
Centurion	.....	.....	.....do.....	May 22, 1913	.....	2 4
Ajax	.....	.....	Feb., 1911	Mar. 1, 1913	.....	2 0
Audacious	.....	.....	Mar., 1911	Oct. 21, 1913	.....	2 2
Iron Duke	.....	.....	Jan., 1912	Mar. 10, 1914	.....	2 2
Marlborough	.....	.....	.....do.....	June —, 1914	.....	2 5
Benbow	.....	.....	May, 1912	Oct. —, 1914	.....	2 5
Emperor of India	.....	.....	.....do.....	Nov. —, 1914	.....	2 6
Queen Elizabeth	.....	.....	Oct., 1912	Jan. —, 1915	.....	2 3
Warspite	.....	.....	.....do.....	Mar. —, 1915	.....	2 5
Valiant	.....	.....	Jan., 1913	Feb. —, 1916	.....	3 1
Barham	.....	.....	Feb., 1913	Oct. —, 1915	.....	2 8
Malava	.....	.....	Oct., 1913	Feb. —, 1916	.....	2 4
Royal Sovereign	.....	.....	Jan., 1914	May —, 1916	.....	2 4
Royal Oak	.....	.....	.....do.....	.....do.....	.....	2 4
Resolution	.....	.....	Nov., 1913	Dec. —, 1916	.....	3 1
Ramilles	.....	.....	.....do.....	Sept. —, 1917	.....	3 10
Revenge	.....	.....	Dec., 1913	Mar. —, 1916	.....	2 3

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Table 27.—RELATIVE STANDING OF THE NAVIES OF THE WORLD, JANUARY 1, 1922.

WARSHIP TONNAGE.

Type.	Great Britain.		United States.		Japan.		France.		Italy.		Germany.	
	Number of ships.	Tons.	Number of ships.	Tons.	Number of ships.	Tons.	Number of ships.	Tons.	Number of ships.	Tons.	Number of ships.	Tons.
Battleships, first line	26	635,650	18	500,650	7	212,120	7	161,911	6	143,000	6	78,136
Battleships, second line	7	127,150	13	202,740	4	71,500	4	74,062	4	50,400		
Battle cruisers, first line	6	175,400			4	110,000						
Battle cruisers, second line	4	72,100										
Cruisers, first line	2	37,200										
Cruisers, second line	4	46,100	10	131,300	5	59,200	10	119,108	5	46,500		
Light cruisers, first line	47	208,915			11	54,850	4	17,802	5	21,000	6	21,300
Light cruisers, second line	14	74,465	9	30,450	1	4,100	1	3,444	5	17,300		
Destroyer leaders	20	34,376					1	2,485	6	10,300		
Destroyers, first line	179	208,742	294	349,555	43	44,613	10	89,073	27	22,679	[1] 12 [2] 12	15,050 2,400
Destroyers, second line	6	4,200	21	15,582	[3] 12	7,850	34	23,947	16	11,840		
Submarines, first line	45	36,563	58	35,843	14	10,888	16	12,333	10	8,040		
Submarines, second line	37	15,671	42	15,905	10	3,259	24	9,447	35	9,610		
Fleet submarines, first line	6	11,280	3	3,318								
Fleet submarines, second line	6	7,200										
Monitor submarines	3	4,800										
Aircraft carriers, first line	4	62,590					1	24,830				
Aircraft carriers, second line	3	26,130			1	5,875						
Total	419	1,787,932	468	1,285,343	112	584,255	112	538,442	117	340,669	[4] 36	116,886

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Battleships, first line			9	357,000	6	253,800						
Battle cruisers, first line	4	160,000	6	261,000	8	352,000						
Light cruisers, first line	2	19,500	10	75,000	16	85,700	3	24,000	2	16,000		
Destroyer leaders	1	1,750					6	14,400	6	12,270		
Destroyers, first line	6	7,450	15	19,620	58	66,865	12	16,800	12	11,680		
Submarines, first line	6	7,590	35	31,000	32 52	29,022	12	13,200	4	2,600		
Fleet submarines, first class			9	14,850								
Aircraft carriers, second line			1	19,360	3	27,000						
Total	19	196,320	85	777,830	123 52	814,387	33	68,400	24	42,550		

[1] Torpedo boat destroyers.
[2] Torpedo boats.
[3] Japan retains 33 other destroyers, of 381 tons each, in active commission. Total active, 88.
[4] The above table shows the German navy as provided for in the treaty of peace.

NOTE.—On account of the existing conditions in Russia it is impossible to get definite and dependable information, and her present navy strength, as well as her building program is a pure hazard. In accordance with the naval terms of the armistice with Austria-Hungary, November 3, 1918, practically all its vessels were turned over to the Allies, so that Austria-Hungary has no navy.

In the above table, battleships, battle cruisers, cruisers, light cruisers, and coast-defense vessels are not included if launched before October 1, 1899. Torpedo-boat destroyers, torpedo boats, and submarines are not included if launched before October 1, 1904. A large number of Japanese ships have been eliminated on account of the 20-year limit.

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Table 27.—RELATIVE STANDING OF THE NAVIES OF THE WORLD, JAN. 1, 1922—Continued.

GERMANY—TONNAGE SURRENDERED OR DISMANTLED.

Type.	Tonnage surrendered to Allies.		Tonnage to be dismantled or turned over to Allies.			
			Modern.		Obsolete.	
	Number.	Tons.	Number.	Tons.	Number.	Tons.
Battleships	19	443,270	9	106,356	5	51,224
Battle cruisers	5	119,530				
Cruisers			2	18,104	1	10,520
Light cruisers	16	63,250	8	23,430	8	39,381
Coast-defense vessels					8	32,372
Destroyers	50	41,800	133	84,440	23	9,018
Torpedo boats			79	13,554	65	9,926
Submarines	139	106,821	39	22,538		
Total	229	774,671	270	268,422	110	152,441

NOTE.—This table shows the disposition of German tonnage in accordance with the naval terms of the armistice and with the naval terms of the treaty of peace with Germany.

The 39 German submarines listed above as to be dismantled or turned over to the Allies include submarines, totaling 4,849 tons, which were interned in neutral ports during the war.

GERMAN TONNAGE BUILDING NOVEMBER, 1918, TO BE BROKEN UP ACCORDING TO THE TERMS OF THE ARMISTICE.

Type.	Number.	Tons.	Type.	Number.	Tons.
Battleships	3	75,600	Torpedo boats	7	1,400
Battle cruisers	1	(?)	Submarines	82	78,794
	1	27,000		81	(?)
	3	(?)			
Light cruisers	3	(?)	Total	127	216,094
Destroyers	34	33,300		88	(?)

AUSTRIA-HUNGARY—TONNAGE SURRENDERED OR DISARMED.

Type.	Tonnage surrendered to Allies.		Tonnage disarmed and placed under supervision of Allies.			
			Modern.		Obsolete.	
	Number.	Tons.	Number.	Tons.	Number.	Tons.
Battleships	3	60,030	6	73,980	5	35,251
Cruisers			1	7,183	1	6,200
Light cruisers	3	10,332	2	5,707	5	11,921
Mine layers	1	1,088			4	3,559
Danube monitors	2	1,056			5	2,023
	4	(?)				
Destroyers	9	7,083	12	4,728		
Torpedo boats	12	2,952	50	9,617	26	2,215
Submarines	9	3,080	4	1,097		
	6	(?)				
Total	49	85,621	75	102,312	46	61,169

NOTE.—The above table shows the disposition of the Austro-Hungarian Navy in accordance with Articles II and III of the naval terms of the armistice with Austria-Hungary, November 3, 1918.

TONNAGE BUILDING NOVEMBER, 1918, TO BE BROKEN UP ACCORDING TO THE TERMS OF THE ARMISTICE WITH AUSTRIA-HUNGARY, NOVEMBER 3, 1918.

Type.	Number.	Tons.	Type.	Number.	Tons.
Battleships	4	96,000	Submarines	3	1,500
Light cruisers	3	14,169		10	(?)
Destroyers	1	900			
			Total	11	112,569
				10	(?)

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Table 28.—LIST OF BATTLESHIPS AND ARMORED CRUISERS—GREAT BRITAIN.

(Vessels over 20 years old from date of launching not included.)

[For vessels lost between July 1, 1914, and Nov. 1, 1918, see Table 37.]

BATTLESHIPS.

Completed in—	Name.	Displacement.	Main armament.	Speed designed.
		Tons.		*Knots.*
October, 1913	Ajax	23,000	Ten 13.5-inch	21
1914	Agincourt	27,500	Fourteen 12-inch	21
October, 1915	Barham	27,500	Eight 15-inch	25
October, 1914	Benbow	25,000	Ten 13.5-inch	21
May, 1913	Centurion	23,000	do	21
July, 1911	Colossus	20,000	Ten 12-inch	21
November, 1912	Conqueror	22,500	Ten 13.5-inch	21
November, 1914	Emperor of India	25,000	do	21
August, 1914	Erin	23,000	do	21
August, 1911	Hercules	20,000	Ten 12-inch	21
March, 1914	Iron Duke	25,000	Ten 13.5-inch	21
November, 1913	King George V	23,000	do	21
February, 1916	Malaya [1]	27,500	Eight 15-inch	25
June, 1914	Marlborough	25,000	10 13.5-inch	21
April, 1912	Monarch	22,500	do	21
January, 1911	Neptune	19,900	Ten 12-inch	21
January, 1912	Orion	22,500	Ten 13.5-inch	21
January, 1915	Queen Elizabeth	27,500	Eight 15-inch	25
September, 1917	Ramilles	25,750	do	23
December, 1916	Resolution	25,750	do	23
March, 1916	Revenge	25,750	do	23
May, 1916	Royal Oak	25,750	do	23
Do	Royal Sovereign	25,750	do	23
June, 1912	Thunderer	22,500	Ten 13.5-inch	21
February, 1916	Valiant	27,500	Eight 15-inch	25
March, 1915	Warspite	27,500	do	25
1907	Agamemnon	16,500	Four 12-inch; ten 9.2-inch	18.5
April, 1909	Bellerophon	18,600	Ten 12-inch	21
1905	Commonwealth	16,350	Four 12-inch; four 9.2-inch	18.5
April, 1910	Collingwood	19,250	Ten 12-inch	21
April, 1909	Superb	18,600	do	21
May, 1910	St. Vincent	19,250	do	21
May, 1909	Temeraire	18,600	do	21

BATTLE CRUISERS.

June, 1912	Lion	26,350	Eight 13.5-inch	28
November, 1912	Princess Royal	26,350	do	28
October, 1914	Tiger	28,500	do	30
August, 1916	Repulse	26,500	Six 15-inch	31.5
September, 1916	Renown	26,500	do	31.5
January, 1920	Hood	41,200	Eight 15-inch	31
June, 1908	Indomitable	17,250	Eight 12-inch	25
October, 1908	Inflexible	17,250	do	25
November, 1912	New Zealand [2]	18,800	do	25
June, 1913	Australia [3]	18,800	do	25

ARMORED CRUISERS.

anuary, 1917	Courageous	18,600	Four 15-inch	31.5
Do	Glorious	18,600	do	31.5
July, 1905	Antrim	10,850	Four 7.5-inch; six 6-inch	23
May, 1905	Carnarvon	10,850	do	23
1902	Essex	9,800	Four 6-inch	22.8
1907	Shannon	14,600	Four 9.2-inch; ten 7.5-inch	22

[1] Gift of Federated Malay States.
[2] Built for Dominion of New Zealand.
[3] Built for Commonwealth of Australia.

Building.—Battleships, none; armored cruisers, none.

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Table 29.—LIST OF BATTLESHIPS AND ARMORED CRUISERS—GERMANY.

(Vessels over 20 years old from date of launching not included.)

[For vessels lost between July 1, 1914, and Nov. 14, 1918, see Table 37.]

BATTLESHIPS.

Completed in—	Name.	Displacement.	Main armament.	Speed designed.
		Tons.		*Knots.*
1907	Hanover	13,200	Four 11-inch; fourteen 6.7-inch	18
1908	Schleswig-Holstein	13,200	do	18
1908	Schlesien	13,200	do	18
1904	Braunschweig	13,200	do	18
1905	Hessen	13,200	do	18
1905	Preussen	13,200	do	18
1904	Elsass	13,200	do	18
1905	Lothringen	13,200	do	18

Building.—None.

ARMORED CRUISERS.

None.

Building.—None.

Tonnage surrendered and dismantled, Table 27, 1,195,534.

Table 30.—LIST OF BATTLESHIPS AND ARMORED CRUISERS—UNITED STATES.

(Vessels over 20 years old from date of launching not included.)

BATTLESHIPS.

Completed in—	Name.	Displacement.	Main armament.	Speed designed.
		Tons.		*Knots.*
1906	Rhode Island	14,948	Four 12-inch; eight 8-inch	19.00
1906	Virginia	14,948		19.00
1906	New Jersey	14,948		19.00
1906	Georgia	14,948		19.00
1907	Nebraska	14,948		19.00
1906	Connecticut	16,000		18.00
1906	Louisiana	16,000		18.00
1907	Minnesota	16,000		18.00
1907	Vermont	16,000		18.00
1907	Kansas	16,000		18.00
1908	New Hampshire	16,000		18.00
	DREADNAUGHT TYPE.			
1909	Michigan	16,000	Eight 12-inch	18.50
1909	South Carolina	16,000		18.50
1910	Delaware	20,000	Ten 12-inch	21.00
1910	North Dakota	20,000		21.00
1911	Florida	21,825		20.75
1911	Utah	21,825		20.75
1912	Arkansas	26,000	Twelve 12-inch	20.50
1912	Wyoming	26,000		20.50
1914	Texas	27,000	Ten 14-inch	21.00
1914	New York	27,000		21.00
1916	Nevada	27,500		20.50
1916	Oklahoma	27,500		20.50
1916	Pennsylvania	31,400	Twelve 14-inch	21.00
1916	Arizona	31,400		21.00
1917	Mississippi	32,000		21.00
1918	New Mexico	32,000		21.00
1919	Idaho	32,000		21.00
1920	Tennessee	32,300	do	21.00
1921	California	32,300	do	21.00
1921	Maryland	32,600	Eight 16-inch	21.00
	Total, 31 battleships	703,390		
	BUILDING.			
	Colorado	32,600	Eight 16-inch	21.00
	Washington	32,600		21.00
	West Virginia	32,600		21.00
	South Dakota	43,200	Twelve 16-inch	23.00
	Indiana	43,200		23.00
	Montana	43,200		23.00
	North Carolina	43,200		23.00
	Iowa	43,200		23.00
	Massachusetts	43,200		23.00
	Grand total, 40 battleships.	1,060,390		

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Table 30.—LIST OF BATTLESHIPS AND ARMORED CRUISERS—UNITED STATES—Continued.

ARMORED CRUISERS.

Completed in—	Name.	Displacement.	Main armament.	Speed designed.
		Tons.		*Knots.*
1905	Pittsburgh	13,680	Four 8-inch; fourteen 6-inch	22.00
1905	Frederick	13,680		22.00
1905	Pueblo	13,680		22.00
1905	Huntington	13,680		22.00
1907	Huron	13,680		22.00
1906	Seattle	14,500	Four 10-inch; sixteen 6-inch	22.00
1908	Charlotte	14,500		22.00
1908	Missoula	14,500		22.00
		111,900		
1905	Charleston [1]	9,700	Twelve 6-inch	22.00
1906	St. Louis [1]	9,700		22.00
	Total 10 cruisers	131,300		
	BATTLE CRUISERS—*Building.*			
	Lexington	43,500	Eight 16-inch; sixteen 6-inch	33.25
	Constellation	43,500		33.25
	Saratoga	43,500		33.25
	Ranger	43,500		33.25
	Constitution	43,500		33.25
	No. 6 [1]	43,500		33.25
	Grand total, 16 armored cruisers.	392,300		

[1] Officially these ships are cruisers, second line. They are actually armored cruisers, and so treated by standard foreign publications.

LIST OF UNITED STATES NAVAL VESSELS TO BE DISPOSED OF IN ACCORDANCE WITH THE PLAN OF THE CONFERENCE ON LIMITATION OF ARMAMENTS.

FIT FOR SERVICE.

Battleships, first line.
- Delaware.
- North Dakota.

Battleships, second line:
- Connecticut.
- Georgia.
- Kansas.
- Kentucky.
- Louisiana.
- Minnesota.
- Nebraska.
- New Hampshire.
- New Jersey.
- Rhode Island.
- South Carolina.
- Vermont.
- Virginia.
- Michigan.

UNDER CONSTRUCTION.

Battleships, first line:
- Indiana.
- Iowa.
- Massachusetts.
- Montana.
- North Carolina.
- South Dakota.
- Washington.

Battle cruisers, first line:
- Constellation.
- Constitution.
- Lexington.
- Ranger.
- Saratoga.
- United States.

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Table 31.—LIST OF BATTLESHIPS AND ARMORED CRUISERS—FRANCE.

(Vessels over 20 years old from date of launching not included.)

[For vessels lost between July 1, 1914, and November 14, 1918, see Table 37.]

BATTLESHIPS.[1]

Completed in—	Name.	Displacement.	Main armament	Speed designed.
		Tons.		*Knots.*
June, 1913	Jean Bart	23,095	Twelve 12-inch	20
September, 1913	Courbert	23,095	Twelve 12-inch	20
August, 1914	Paris	23,095	Twelve 12-inch	20
July, 1914	France	23,095	Twelve 12-inch	20
June, 1915	Provence	23,177	Ten 13.4-inch	20
September. 1915	Bretagne	23,177	Ten 13.4-inch	20
July, 1916	Lorraine	23,177	Ten 13.4-inch	20
August, 1911	Voltaire	18,457	Four 12-inch	18
June, 1911	Condorcet	18,587	Four 12-inch	18
September, 1911	Diderot	18,561	Four 12-inch	18
December, 1911	Vergniaud	18,457	Four 12-inch	18

ARMORED CRUISERS.[1]

1902	Gueydon	9,548	Two 7.6-inch; eight 6.5-inch	21.0
June, 1904	Montcalm	9,177	Two 7.6-inch; eight 6.5-inch	21.0
1904	Gloire	10,212	Two 7.6-inch; eight 6.5-inch	21.0
June, 1904	Conde	10,233	Two 7.6-inch; eight 6.5-inch	21.0
June, 1905	Jules Ferry	12,379	Four 7.6-inch; sixteen 6.5-inch	22.9
June, 1907	Victor Hugo	13,108	Four 7.6-inch; sixteen 6.5-inch	22.4
June, 1908	Jules Michelet	13,105	Four 7.6-inch; twelve 6.5-inch	22.9
June, 1909	Ernest Renan	13,504	Four 7.6-inch; twelve 6.5-inch	24.4
June, 1911	Edgar Quinet	13,847	Fourteen 7.6-inch	23.9
Do	Waldeck Rousseau	13,995	Fourteen 7.6-inch	23.1

[1] None building.

Table 32.—LIST OF BATTLESHIPS AND ARMORED CRUISERS—JAPAN.

(Vessels over 20 years old from date of launching not included.)

[For vessels lost between July 1, 1914, and November 14, 1918, see Table 37.]

BATTLESHIPS.

Completed in—	Name.	Displacement.	Main armament.	Speed designed.
		Tons.		*Knots.*
1921	Settsu	20,800	Twelve 12-inch	21.5
November, 1915	Fuso	30,600	Twelve 14-inch	23.0
April, 1917	Yamashiro	30,600	Twelve 14-inch	23.0
December, 1917	Ise	31,260	Twelve 14-inch	23.0
March, 1918	Hyuga	31,260	Twelve 14-inch	23.0
November, 1920	Nagato	33,800	Eight 16-inch	23.5
November, 1921	Mutsu	33,000	Eight 16-inch	23.5
1906	Kashima	16,400	Four 12-inch; four 10-inch	19.2
1906	Katori	15,950	Four 12-inch; four 10-inch	19.3
April, 1910	Satsuma	19,350	Four 12-inch; twelve 10-inch	18.95
1910	Aki	19,800	Four 12-inch; twelve 10-inch	20.25
	BUILDING.			
	Kaga	39,900	Ten 16-inch	25.00
	Tosa	39,900	Ten 16-inch	25.00
	Kii	43,500	Twelve 16-inch	.....
	Owari	43,500	Twelve 16-inch	.....
	No. 3	43,500	Twelve 16-inch	.....
	No. 4	43,500	Twelve 16-inch	.....

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Table 32.—LIST OF BATTLESHIPS AND ARMORED CRUISERS—JAPAN—Continued.

ARMORED CRUISERS.

Completed in—	Name.	Displacement.	Main armament.	Speed designed.
		Tons.		*Knots.*
August, 1913	Kongo [1]	27,500	Eight 14-inch	27.3
March, 1914	Hiyei [1]	27,500	Eight 14-inch	27.3
April, 1915	Kirishima [1]	27,500	Eight 14-inch	27.54
March, 1915	Haruna [1]	27,500	Eight 14-inch	27.77
1903	Kasuga	7,700	One 10-inch; two 8-inch	20.00
1903	Nisshin	7,700	Four 8-inch	20.00
1907	Ikoma	14,600	Four 12-inch	22.00
October, 1909	Kurama	14,600	Four 12-inch	21.00
1910	Ibuki	14,600	Four 12-inch	21.00
	BUILDING.			
	Amagi	44,000	Ten 16-inch; sixteen 5.5-inch; four 3-inch antiaircraft.	35.00
	Akagi	44,000	Ten 16-inch; sixteen 5.5-inch; four 3-inch antiaircraft.	35.00
	Atago	44,000	Ten 16-inch; sixteen 5.5-inch; four 3-inch antiaircraft.	35.00
	Takao	44,000	Ten 16-inch; sixteen 5.5-inch; four 3-inch antiaircraft.	35.00
	No. 1	44,000	Ten 16-inch; sixteen 5.5-inch; four 3-inch antiaircraft.	.....
	No. 2	44,000	Ten 16-inch; sixteen 5.5-inch; four 3-inch antiaircraft.	.....
	No. 3	44,000	Ten 16-inch; sixteen 5.5-inch; four 3-inch antiaircraft.	.....
	No. 4	44,000	Ten 16-inch; sixteen 5.5-inch; four 3-inch antiaircraft.	.....

[1] Battle cruisers.

Table 33.—LIST OF BATTLESHIPS AND ARMORED CRUISERS—RUSSIA.

(Vessels over 20 years old from date of launching not included.)

[For vessels lost between July 1, 1914, and November 14, 1918, see Table 37.]

BATTLESHIPS.[1]

Completed in—	Name.	Displacement.	Main armament.	Speed designed.
		Tons.		*Knots.*
January, 1914	Gangut	23,370	Twelve 12-inch; sixteen 4.7-inch.	23
January, 1915	Poltava	23,370	Twelve 12-inch; sixteen 4.7-inch.	23
January, 1914	Petropavlovsk	23,370	Twelve 12-inch; sixteen 4.7-inch.	23
January, 1915	Sevastopol	23,370	Twelve 12-inch; sixteen 4.7-inch.	23
August, 1910	Respublika	17,680	Four 12-inch; fourteen 8-inch	17
September, 1910	Pervosvanni	17,680	Four 12-inch; fourteen 8-inch	17

ARMORED CRUISERS.[1]

1907	Rurik	15,190	Four 10-inch; eight 8-inch	21
1907	Makarov	7,900	Three 8-inch; twelve 6-inch	21
1908	Bayan	7,900	Three 8-inch; twelve 6-inch	21

[1] None building.

All warship construction in Russia has ceased. Little work has been done since June, 1917. Due to unsettled conditions there is little information as to the navy of Russia. The above table is probably not accurate, but the data given has been corrected according to latest advices.

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Table 34.—LIST OF BATTLESHIPS AND ARMORED CRUISERS—ITALY.

(Vessels over 20 years old from date of launching not included.)

[For vessels lost between July 1, 1914, and October 1, 1916, see Table 37.]

BATTLESHIPS.[1]

Completed in—	Name.	Displacement.	Main armament.	Speed designed.
		Tons.		*Knots.*
January, 1915	Conte di Cavour	24,500	Thirteen 12-inch	22
March, 1914	Giulio Cesare	24,500	Thirteen 12-inch	22
1916	Andrea Doria	24,500	Thirteen 12-inch	22
1915	Duilio	24,500	Thirteen 12-inch	22
September, 1912	Dante Alihgieri	20,500	Twelve 12-inch	23
1914	Leonardo da Vinci	24,500	Thirteen 12-inch	22
December, 1908	Roma	12,600	Two 12-inch; twelve 8-inch	22
1908	Napoli	12,600	Two 12-inch; twelve 8-inch	22
September, 1907	Vittorio Emmanuele	12,600	Two 12-inch; twelve 8-inch	22
May, 1907	Regina Elena	12,600	Two 12-inch; twelve 8-inch	22

ARMORED CRUISERS.[1]

December, 1908	Pisa	10,500	Four 10-inch; eight 7.5-inch	23.3
June, 1910	San Giorgio	10,500	Four 10-inch; eight 7.5-inch	23.0
July, 1910	San Marco	10,500	Four 10-inch; eight 7.5-inch	23.75
1905	Francesco Ferrucio	7,500		
1901	Varese	7,500	One 10-inch; fourteen 6-inch	

[1] None building.

Table 35.—SUMMARY OF ARMAMENT, BATTLESHIPS AND ARMORED CRUISERS—FOREIGN POWERS.

	Large guns.							
	11-inch.	12-inch.	13-inch.	13.5-inch.	14-inch.	15-inch.	16-inch.	Total.
Great Britain:								
Built		134		144		108		386
Building							32	32
Total								418
Germany:								
Built	32							32
Building								
Total								32
France:								
Built		64		30				94
Building								
Total								94
Japan:								
Built		40			80		16	136
Building							148	148
Total								284
Russia:								
Built		56						56
Building								
Total								56
Italy:								
Built		85						85
Building								
Total								85

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Table 36.—TOTAL NAVAL EXPENDITURES BY PRINCIPAL NAVAL POWERS.

Fiscal year.	Great Britain (Apr.1 to Mar. 31).	United States (July 1 to June 30).	Germany (April to March).	France (January to December).
1900–1901	$145,792,850	$61,721,696.05	$37,173,074	$72,683,180
1901–2	150,569,190	68,438,301.84	46,315,800	67,079,011
1902–3	150,679,328	82,977,641.62	48,818,700	59,217,558
1903–4	173,548,058	104,126,192.84	50,544,000	59,740,222
1904–5	179,148,049	116,655,826.79	49,110,300	60,178,623
1905–6	161,117,947	109,725,059.45	54,918,000	61,565,779
1906–7	152,954,322	98,392,144.07	58,344,300	59,514,296
1907–8	151,880,617	117,353,474.71	69,133,500	60,685,813
1908–9	156,401,161	120,421,578.61	80,737,626	62,194,916
1909–10	181,936,341	122,247,364.80	95,047,820	64,899,589
1910–11	202,056,258	111,791,979.61	103,302,773	74,102,439
1911–12	211,596,296	133,559,071.87	107,178,480	80,371,109
1912–13	224,443,296	129,787,233.10	109,989,096	81,692,832
1913–14	237,530,459	136,858,301.07	112,091,125	90,164,625
1914–15	260,714,275	142,959,092.11	113,993,329	123,828,872
1915–16	1,001,202,544	152,821,540.67	.....	143,012,400
1916–17	1,020,003,279	261,433,176.52	.....	176,132,400
1917–18	1,136,944,455	1,214,995,767.01	.....	312,800,029
1918–19	1,625,000,000	1,915,155,835.39	.....	445,802,202
1919–20	787,644,000	613,321,891.80	.....	174,829,243
1920–21	441,639,378	697,687,633.00	.....	199,668,287
1921–22	400,847,940	425,848,079.00	.....	181,509,986

Fiscal year.	Russia (January to December).	Italy (July 1 to June 30).	Japan (April to March).	Total.
1900–1901	$42,101,212	$23,829,206	.....	.....
1901–2	45,488,462	23,875,532	$21,373,954	$423,140,250
1902–3	50,769,465	23,522,400	17,654,528	433,639,620
1903–4	60,018,895	23,522,400	17,553,279	489,053,046
1904–5	58,076,543	24,300,000	10,018,024	497,477,365
1905–6	60,228,444	24,494,400	11,378,202	483,427,831
1906–7	60,703,557	25,865,668	30,072,061	485,846,368
1907–8	43,012,166	27,516,454	35,124,346	504,706,370
1908–9	49,682,482	30,453,697	39,347,332	539,238,793
1909–10	58,059,040	31,812,885	35,005,719	589,908,759
1910–11	46,520,465	40,595,204	36,889,158	615,258,277
1911–12	56,680,915	40,780,987	42,944,329	673,111,187
1912–13	82,019,633	41,893,420	46,510,216	716,335,726
1913–14	117,508,657	49,550,147	48,105,152	791,808,466
1914–15	128,954,733	56,920,440	69,111,653	895,396,088
1915–16	.....	135,736,207	63,000,000	.....
1916–17	.....	161,482,062	73,000,000	.....
1917–18	.....	224,933,966	85,000,000	.....
1918–19	.....	238,113,136	125,000,000	.....
1919–20	.....	45,711,604	150,000,000	.....
1920–21	.....	78,389,226	187,207,522	.....
1921–22	.....	81,068,743	249,318,539	.....

NOTE.—Data not available where not shown. Conversion of values was made on the basis of the standard gold exchange rate; 1 pound=$4.86.

Table 37.—WAR VESSELS OF THE ALLIES LOST DURING THE WAR.

ENGLAND.

Vessels.	Date.	Tonnage.	Vessels.	Date.	Tonnage.
BATTLESHIPS.			BATTLE CRUISERS.		
Audacious	Oct. 27, 1914	23,400	Indefatigable	May 31, 1916	19,000
Brittania	Nov. 9, 1918	16,600	Invincible	....do....	17,600
Bulwark	Nov. 26, 1914	15,250	Queen Mary	....do....	27,500
Cornwallis	Jan. 11, 1917	14,200			
Formidable	Jan. 1, 1915	15,250	CRUISERS.		
Goliath	May 13, 1919	12,950			
Irresistible	Mar. 18, 1915	15,250	Aboukir	Sept. 22, 1914	12,200
King Edward VII	Jan. 6, 1916	16,600	Argill	Oct. 28, 1915	11,000
Majestic	May 27, 1915	15,150	Black Prince	May 31, 1916	13,750
Ocean	Mar. 18, 1915	13,150	Brilliant [1]	Apr. 23, 1918	3,450
Russel	Apr. 27, 1916	14,200	Cressy	Sept. 22, 1914	12,200
Triumph	May 25, 1915	12,200	Defence	May 31, 1916	14,800
Vanguard	July 9, 1917	19,600	Drake	Oct. 2, 1917	14,300

[1] Sunk as a blockship at Zeebrugge.

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Table 37.—WAR VESSELS OF THE ALLIES LOST DURING THE WAR—Con.

ENGLAND—Continued.

Vessels.	Date.	Tonnage.
CRUISERS—continued.		
Good Hope	Nov. 1, 1914	14,300
Hampshire	June 5, 1916	11,000
Hawke	Oct. 15, 1914	7,450
Hogue	Sept. 22, 1914	12,200
Intrepid [2]	Apr. 23, 1918	3,600
Iphegenia [2]	do	3,450
Monmouth	Nov. 1, 1914	9,950
Natal	Dec. 31, 1915	(?)
Sirius [2]	Apr. 23, 1918	3,450
Thetis [2]	do	3,450
Vindictive [2]	May 10, 1918	5,850
Warrior	May 31, 1916	13,750
LIGHT CRUISERS.		
Amphion	Aug. 6, 1914	3,500
Arethusa	Feb. 11, 1916	3,560
Cassandra	Dec. 4, 1918	3,800
Falmouth	Aug. 19, 1916	5,300
Nottingham	do	5,530
Pathfinder	Sept. 5, 1914	3,000
Pegasus	Sept. 20, 1914	2,200
COAST-DEFENSE VESSELS.		
Glatton	Sept. 16, 1918	5,700
MONITORS. [3]		
M. 15	Nov. 11, 1917	540
M. 21	Oct. —, 1918	540
M. 28	Jan. 20, 1918	540
M. 30	May 13, 1916	355
Raglan	Jan. 20, 1918	6,150
GUNBOATS.		
Hazard	Jan. 28, 1918	1,070
TORPEDO BOATS.		
Jason	Apr. 7, 1917	810
Niger	Nov. 11, 1914	810
Speedy	Sept. 3, 1914	810
Seagull	Sept. 30, 1918	735
SLOOPS.		
Alyssum	Mar. 18, 1917	1,250
Anchusa	July 16, 1918	1,275
Arabis	Feb. 10, 1916	1,250
Arbutus	Dec. 16, 1917	1,250
Aster	July 4, 1917	1,200
Begonia	Oct. —, 1917	1,200
Bergamot	Aug. 13, 1917	1,275
Blackmorevale [4]	May 1, 1918	750
Candytuft	Nov. 18, 1917	1,275
Cowslip	Apr. 25, 1918	1,275
Gaillardia	Mar. 23, 1918	1,275
Genista	Oct. 23, 1916	1,275
Lavender	May 5, 1917	1,250
Mignonette	Mar. 17, 1917	1,250
Nasturtium	Apr. 27, 1916	1,275
Primula	Mar. 1, 1916	1,275
Rhododendron	May 5, 1918	1,275
Salvia	June 20, 1917	1,250
Tulip	Apr. 30, 1917	1,250
Kempton		1,250
Ludlow		810
Redear		810
RIVER GUNBOATS.		
Comet	Nov. 28, 1915	(?)
Shaitan	Dec. 1, 1915	(?)
Firefly	Nov. —, 1915	(?)

Vessels.	Date.	Tonnage.
FLOTILLA LEADERS.		
Hoste	Dec. 21, 1916	1,566
Scott	Aug. 15, 1918	1,740
Tipperary	May 31, 1916	1,740
DESTROYERS.		
Ardent	May 31, 1916	935
Ariel	Aug. 2, 1918	765
Arno	Mar. 23, 1918	750
Attack	Dec. 30, 1917	785
Bittern	Apr. 4, 1918	360
Brisk	Oct. 2, 1917	780
Boxer	Feb. 8, 1918	285
Cheerful	June 30, 1917	370
Contest	Sept. 18, 1917	955
Coquette	Mar. 7, 1916	355
Cornet	Aug. 6, 1918	747
Derwent	May 2, 1917	550
Eden	June 18, 1916	560
Fairy	May 31, 1918	380
Falcon	May 1, 1918	375
Flirt	Oct. 27, 1916	380
Foyle	Mar. 15, 1917	550
Fortune	May 31, 1916	951
Ghurka	Feb. 8, 1917	990
Goldfinch	Feb. 19, 1915	760
Itchen	July 6, 1917	550
Kale	Mar. 27, 1918	545
Lafforey	Mar. 23, 1917	995
Lassoo	Aug. 13, 1916	1,000
Lightning	June 30, 1916	320
Louis	Nov. —, 1915	1,050
Lynx	Aug. 9, 1915	935
Maori	May 7, 1915	1,030
Marmion	Oct. 21, 1917	1,030
Mary Rose	Oct. 17, 1917	1,025
Medusa	Mar. 25, 1916	1,010
Myrmidon	Mar. 26, 1917	370
Marlborough	Jan. 12, 1918	1,010
Negro	Dec. 21, 1916	1,030
Nessus	Sept. 8, 1918	1,020
Nestor	May 31, 1916	1,000
Nomad	do	1,000
North Star	Apr. 23, 1918	1,030
Nubian [5]	Oct. 27, 1916	1,062
Opal	Jan. 12, 1918	1,000
Paragon	Mar. 18, 1917	920
Partridge	Dec. 12, 1917	1,020
Pellew [6]	do	1,005
Pheasant	Mar. 1, 1917	1,025
Phoenix	May 14, 1918	765
Pincher	July 24, 1918	975
Racoon	Jan. 9, 1918	920
Recruit	May 1, 1915	385
Recruit (new)	Aug. 9, 1917	1,000
Setter	May 17, 1917	1,050
Shark	May 31, 1916	935
Simoon	Jan. 23, 1917	1,075
Sparrowhawk	May 31, 1916	935
Staunch	Nov. 11, 1917	748
Strongbow	Oct. 17, 1917	900
Success	Dec. 27, 1914	385
Surprise	Dec. 23, 1917	910
Tornado	do	1,080
Torrent	do	1,069
Turbulent	May 31, 1916	1,100
Ulleswater	Aug. 15, 1918	915
Ulysses	Oct. 28, 1918	1,090
Vehement	Aug. 3, 1918	1,300
Velox	Oct. 25, 1915	420
Wolverine	Dec. 12, 1917	985
Zubian	Mar. 23, 1918	.....
Zulu [7]	Oct. 27, 1916	1,027

[2] Sunk as a blockship at Zeebrugge.
[3] No record in the Admiralty reports of the loss of the M-3, mentioned as a war casualty in the pages from the Navy Yearbook.
[4] In the latest Admiralty reports Blackmorevale is not listed as a casualty.
[5] See Zulu.
[6] Salvaged.
[7] Zulu and Nubian pieced together and made Zubian, counted as loss of one ship, 1,027 tons.

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Table 37.—WAR VESSELS OF THE ALLIES LOST DURING THE WAR—Con.

ENGLAND—Continued.

Vessels.	Date.	Tonnage.
TORPEDO BOATS.		
No. 9	July 26, 1918[a]	220
No. 10	June 10, 1915	220
No. 11	Mar. 7, 1916	250
No. 12	June 10, 1915	250
No. 13	Jan. 26, 1916	250
No. 24	Jan. 26, 1917	270
No. 90	Apr. 25, 1918	130
No. 96	Nov. 1, 1915	135
No. 046	Dec. 27, 1915	80
No. 117	June 10, 1917	195
SUBMARINES.		
AE–1	Sept. 19, 1914	800
AE–2	May —, 1915	800
C–3	Apr. 23, 1915	310
C–26	Apr. 8, 1918	320
C–27	....do....	320
C–29	Aug. 29, 1915	320
C–31	Jan. 5, 1915	320
C–32	Oct. —, 1917	320
C–33	Aug. 7, 1915	320
C–34	Jan. 19, 1917	320
C–35	Apr. 8, 1918	320
D–2	Dec. 1, 1914	620
D–3	Mar. 12, 1918	620
D–5	Nov. 3, 1914	620
D–6	July —, 1918	620
E–1	Apr. 8, 1918	650
E–3	Oct. 18, 1914	650
E–5	.....	650
E–6	Dec. 26, 1915	650
E–7	Sept —, 1915	650
E–8	Apr. 8, 1918	650
E–9	....do....	650
E–10	Jan. 21, 1915	650
E–13	Aug. 19, 1915	650
E–14	Jan. 18, 1918	650
E–15	Apr. —, 1915	650
E–16	Aug. 22, 1916	650
E–17	Jan. —, 1916	650
E–18	.....	660
E–19	Apr. 3, 1918	660
E–20	Nov. —, 1915	660
E–22	Apr. 25, 1916	660
E–24	.....	660
E–26	July 6, 1916	660
E–30	Nov. —, 1916	660
E–34	July —, 1918	660
E–36	Jan. 13, 1917	660
E–37	Dec. —, 1916	660
E–47	Aug. —, 1917	662
E–49	Mar. —, 1916	807
E–50	Feb. —, 1918	807
G–8	Jan. —, 1918	695
G–9	Sept. 16, 1917	695
H–3	July 15, 1916	435
H–5	Mar. 2, 1918	435
H–6	Jan. —, 1916	435
H–10	Jan. 18, 1918	435
J–6	Oct. 15, 1918	1,170
K–1	Jan. 31, 1918	2,650
K–4	....do....	2,650
K–17	....do....	2,650
L–10	Oct. 30, 1918	1,125
SEAPLANE CARRIERS.		
Ben my Chree	Jan. 11, 1917	2,600
Hermes	Oct. 31, 1914	5,600
MINE LAYERS.		
Ariadne	July 26, 1917	11,000
Princess Irene	May 27, 1915	6,000
MINE LAYERS—con.		
Alcantara	June 14, 1917	15,300
Avenger	June 14, 1917	10,500
Bayano	Mar. 11, 1915	5,948
Calgarian	Mar. 1, 1918	18,000
Campania	July 23, 1918	.....
Champagne	Oct. 9, 1917	7,500
Clan MacHaughton	Jan. —, 1913	4,985
Ermine	Aug. 2, 1917	.....
Fiona, A. B. S.	Sept. 6, 1917	.....
Grive, A. B. S.	Dec. 29, 1917	.....
Hilary	May 25, 1917	6,329
ARMED MERCHANT CRUISERS.		
India	Aug. 8, 1915	7,900
Laurentic	Jan. 25, 1917	10,509
Louvain, A. B. S.	Jan. 20, 1918	1,830
Marmora	July 23, 1918	10,500
Meldavia	May 23, 1918	9,500
Oceanic	Sept. 8, 1914	17,274
Orama	Oct. 19, 1917	12,900
Otranto	Oct. 6, 1918	12,100
Otway	July 22, 1917	12,077
Patia	June 13, 1918	6,100
Sarnia	Sept. 12, 1918	1,498
Snagfell, A. B. S.	June 5, 1918	1,570
Stephen Furness	Dec. 29, 1917	1,700
Tithonus	Mar. 28, 1918	3,500
Viknor	Jan. 13, 1915	5,386
HOSPITAL SHIPS.		
Glenart Castle	Feb. 26, 1918	6,824
Llandoverry Castle	June 27, 1918	11,423
Rewa	Jan. 4, 1918	7,308
Rohilla	Oct. 30, 1914	7,409
Warilda	Aug. 3, 1918	.....
ARMED VESSELS FOR RAMMING SUBMARINES.		
Duke of Albany	Aug. 25, 1916	1,977
Dundee	Sept. 3, 1917	1,800
Marcella	Mar. 24, 1916	.....
Fauvette	Mar. 9, 1916	2,644
Tara	Nov. 5, 1915	6,322
The Ramsey	Aug. 8, 1915	.....
MINE SWEEPERS.		
Clacton	Aug. —, 1916	750
Napaulin	Apr. 20, 1917	.....
Newmarket	July 25, 1917	750
ARMED SLOOP.		
Sumana	Apr. 23, 1916	.....
PATROLS.		
P–13	Nov. 4, 1918	615
P–26	Apr. 10, 1917	615
TRAWLER.		
No. 9	Feb. 15, ——	.....
DIRIGIBLE.		
C–26	Dec. 12, 1917	.....

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Table 37.—WAR VESSELS OF THE ALLIES LOST DURING THE WAR—Con.

FRANCE.

Vessels.	Date.	Tonnage.
BATTLESHIPS.		
Bouvet	Mar. 18, 1915	12,200
Danton	Mar. 18, 1917	18,400
Gaulois	Dec. 27, 1916	11,300
Suffren	Nov. 26, 1916	12,700
CRUISERS.		
Amiral Charner	Feb. 8, 1916	4,800
Chateaurenault	Dec. 14, 1917	7,950
Du Petit Thouars	Aug. 7, 1918	9,500
Kleber	June 27, 1917	7,700
Leon Gambetta	Apr. 26–27, 1915	12,600
GUNBOATS.		
Surprise	Dec. 3, 1916	620
Zelee	Sept. 22, 1914	560
SLOOP.		
Rigel	Oct. 2, 1916	1,250
DESTROYERS.		
Branlebas	Nov. 9, 1915	330
Boutefeu	May 15, 1917	770
Catapulte	May —, 1918	300
Carabinier	Nov. 14, 1918	.....
Dague	Feb. 24, 1915	.....
Daxa[8]	June 28, 1917	.....
Standard	Apr. 25, 1917	400
Fantassin	June 5, 1916	470
Faulx	Apr. —, 1918	770
Fourche	June 23, 1916	770
Mosquet	Oct. 28, 1914	300
Renaudin	Mar. 18, 1916	770
Yatagan	Dec. 3, 1916	330
TORPEDO BOATS.		
No. 251	.....	109
No. 300	Feb. 1, 1916	100
No. 317	Dec. 28, 1916	100
No. 319	Jan. —, 1915	100
No. 331	June 17, 1915	170
No. 333	Mar. 12, 1918	107
No. 347	Oct. 9, 1914	100
No. 348	Oct. —, 1914	100
No. 325	Jan. 22, 1919	100
SUBMARINES.		
Ariane	June 19, 1917	300
Bernouille	Feb. 12, 1918	401
Circe	Sept. 20, 1918	400
Curie	Dec. 23, 1914	600
Diane	Mar. 10, 1918	430
Floreal	Aug. 2, 1918	400
Foucault	Sept. —, 1916	400
Fresnel	Dec. 5, 1915	400
Joule	May —, 1915	500
Mariotte	July 26, 1915	430
Monge	Dec. 29, 1915	400
Prairial	Apr. 28, 1918	300
Saphir	Jan. 16, 1915	390
Turquoise	Oct. 30, 1915	490
MINE LAYERS.		
Casablanca	June 3–4, 1915	950
Cassini	Feb. 28, 1917	950
ARMED MERCHANT CRUISERS.		
Burdigala	Nov. 14, 1916	.....
Golo II	Aug. —, 1917	.....
Corse	Jan. 24, 1918	.....
Indien	Sept. 8, 1915	.....
Italia	May 30, 1917	.....
Gallia	Oct. 4, 1916	.....
Provence II	Feb. 26, 1916	.....
Santa Anna	May 10, 1918	.....
SPECIAL SHIP.		
Estafette	Apr. —, 1916	.....
TRANSPORT.		
Drome	Jan. 24, 1918	.....
DIRIGIBLES.		
Alsace	Oct. 2, 1915	.....
T	May 12, 1918	.....
S	Feb. 23–24 1918	.....

JAPAN.

BATTLESHIP.		
Kawachi	July 12, 1918	21,800
BATTLE CRUISER.		
Tsukuba	Jan. 14, 1917	14,000
LIGHT CRUISERS.		
Kasagi	July —, 1916	4,900
Otowa	July —, 1917	3,050
Takachiho	Oct. 18, 1914	3,700
DESTROYERS.		
Sakaki	July —, 1917	665
Shirotaye	Sept. —, 1914	410
Tokitsukage	Mar. 25, 1918	1,250
TORPEDO BOAT.		
No. 33	Nov. 11, 1914	90

[8] Greek, transferred to French flag.

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Table 37.—WAR VESSELS OF THE ALLIES LOST DURING THE WAR—Con.

ITALY.

Vessels.	Date.	Tonnage.
BATTLESHIPS.		
Benedetto Brin		13,400
Leonardo da Vinci	Aug. 2, 1916	22,500
Regina Margerita	Dec. 11, 1916	13,400
PROTECTED CRUISERS.		
Amalfi	July 7, 1915	10,200
G. Garibaldi	July 18, 1915	7,350
AUXILIARY CRUISERS.		
Citta di Palermo	Jan. 8, 1916	
Citta di Messina	June 23, 1916	
MONITOR.		
A. Capellini	Nov. 14, 1917	
DESTROYERS.		
Audace	Aug. 29, 1916	680
Borea	May 15, 1917	330
B. Cairoli	Apr. 10, 1918	700
Garibaldino	July 16, 1918	416
Intrepido	Dec. 4, 1915	680
Impetuoso	July 10, 1916	680
Nembo	Oct. 16, 1918	330
Partenope	Mar. 24, 1918	850
Rossarol	Nov. —, 1918	1,030
Turbine	May 24, 1915	330
TORPEDO BOATS.		
5 P. N.	June 26, 1915	130
17 O. S	July 2, 1915	130
Perseo	Mar. —, 1917	210
Serpente	June —, 1916	210
Scorpione	May 15, 1917	210
SUBMARINES.		
Balilla	June 14–15, 1916.	345
A. Guglielmotti	Mar. —, 1917	700
H–5	Apr. 16, 1918	335
Jalea	Aug. 10, 1915	250
Medusa	June 9, 1915	250
Nereide	Aug. 3, 1915	230
Pullino	July —, 1916	345
H–4	Aug. 8, 1917	470
GUNBOAT.		
Archimede	June —, 1918	
TRANSPORTS.		
Sterope	Apr. 7, 1918	
Re Umberto	Dec. 17, 1915	
Verona	May 10, 1918	
DIRIGIBLES.		
M–11 [Citta di Ferrara]	June 8, 1915	
P. I	Aug. 12, 1916	
V. I. [Citta di Jesi]	Aug. 5, 1915	

RUSSIA.

Vessels.	Date.	Tonnage.
BATTLESHIPS.		
Imperatritza	Oct. 20, 1916	
Peresvyet	Jan. 4, 1917	
Slava	Oct. 16, 1917	13,516
Svobodnaya Rossiya	June 18, 1918	24,000
CRUISERS.		
Amiral Makharoff	Mar. 28, 1918	7,775
Pallada	Oct. 12, 1914	
Prut	[1]May —, 1918	3,300
LIGHT CRUISER.		
Zhemchug	Oct. 28, 1914	
GUNBOATS.		
Bobyr	Apr. —, 1918	
Sivuvh	Aug. 19, 1915	
DESTROYERS.		
Dobrovoletz	Aug. 21, 1916	580
Bditelni	Nov. 27, 1917	375
Fiodonissi	June 18, 1918	1,326
Gadvibey	....do	
Gnevni	May —, 1918	
Grom	Oct. 16, 1917	1,262
Isolnitelni	Dec. 16, 1914	335
Kaliakra	June 18, 1918	
Kertch	....do	
Kasanetz	Oct. 28, 1916	
Leit Kep Baranoff	June 18, 1918	
Leit Bourakow	Aug. 13, 1917	
Leit Puschin	Mar. 9, 1916	
Leit Schestakoff	June 18, 1918	
Leit Zatzarenhi	July 1, 1917	
Letuchi	Dec. 16, 1914	
Okhotnik	Sept. 26, 1917	
Pronsitelni	June 18, 1918	
DESTROYERS—con.		
Smyetlivi	June 18, 1918	
Stremitelni	....do	
Zhivuchi	Apr. 28, 1916	
SUBMARINES.		
Akula	Nov. —, 1915	
AG–11	Apr. —, 1918	365–467
AG–12	....do	365–467
AG–13	....do	365–467
AG–14	Sept. —, 1917	365–467
AG–15	June 21, 1917	
Bars	June —, 1917	
Edimorog	Feb. —, 1918	
Gepard	Oct. —, 1917	
Lvitza	July —, 1917	
Morzh	June —, 1917	
MINE LAYERS.		
Enisel	June 4, 1915	
Ladoga	Aug. 15, 1915	
Prut	Oct. 29, 1914	
ARMED AUXILIARY VESSEL.		
Vasilii Velikii	Apr. —, 1916	
HOSPITAL SHIPS.		
Portugal	Mar. 30, 1916	
Russ	May —, 1918	
Vperyed	July 10, 1916	
DIRIGIBLES.		
1	Mar. 27, 1917	
1	Apr. 26, 1917	

[1] Retaken by Turks.

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Table 37.—WAR VESSELS OF THE ALLIES LOST DURING THE WAR—Con.

UNITED STATES.

Vessels.	Date.	Tonnage.	Vessels.	Date.	Tonnage.
CRUISER.			YACHTS.		
San Diego	July 10, 1918	15,400	Alcedo	Nov. 5, 1917	
GUNBOAT.			Guinivere	Jan. 25, 1918	
Schurz	June 21, 1918	1,590	Scorpion	(1)	
DESTROYERS.			Wakiva	May —, 1918	
Jacob Jones	Dec. 5, 1917	1,100	TRAWLERS.		
Chauncey	Nov. 19, 1917	600	Rehoboth	Nov. 5, 1918	
SUBMARINE.			Tampa	Sept. 26, 1918	
F-2	Dec. —, 1917	350	COLLIER.		
			Cyclops	Mar. —, 1918	19,360

[1] Seized by Turks at Constantinople.

WAR VESSELS OF THE TRIPLE ENTENTE LOST DURING THE WAR.

GERMANY.

Vessels.	Date.	Tonnage.	Vessels.	Date.	Tonnage.
BATTLESHIP.			MINING VESSELS—con.		
Pommern	May 31, 1916	12,997	M-64	do	
BATTLE CRUISER.			M-67	do	
Lutzow	do	28,000	M-95	do	
CRUISERS.			FM-3	Oct. —, 1917	
Yorck	Nov. —, 1914	9,350	M-6	Aug. —, 1918	
Friedrich Carl	Nov. 25, 1914	8,858	M-62	do	
Scharnhorst	Dec. 8, 1914	11,420	M-83	Aug. 1, 1918	
Gneisenau	do	11,420	GUNBOATS.		
Blucher	Jan. 24, 1915	15,550	Iltis	Nov. 7, 1914	900
Prinz Adalbert	Oct. 23, 1915	8,858	Jaguar	do	900
LIGHT CRUISERS.			Luchs	do	886
Magdeburg	Aug. 20, 1914	4,478	Tiger	do	886
Mainz	Aug. 28, 1914	4,280	Cormoran	do	1,604
Coln	do	4,280	Eber	Oct. 26, 1917	1,000
Ariadne	do	2,618	Geier	Nov. 9, 1914	
Hela	Sept. 13, 1914	4,822	Seeadler	Apr. —, 1917	1,571
Emden	Nov. 9, 1914	3,592	DESTROYERS.		
Karlsruhe	Nov. 4, 1914	4,822	V-187	Aug. 28, 1914	689
Leipzig	Dec. 8, 1914	3,200	T-116	Oct. 6, 1914	465
Nurnberg	do	3,396	T-115	Oct. 17, 1914	465
Dresden	Mar. 14, 1915	3,592	T-117	do	465
Konisberg	July 11, 1915	3,348	T-118	do	465
Undine	Nov. 7, 1915	2,672	T-119	do	465
Bremen	Dec. 17, 1915	2,672	T-90	Oct. 19, 1914	394
Wiesbaden	May 31, 1916		Taku	Nov. 7, 1914	276
Rostock	do	4,822	T-124	Nov. 24, 1914	480
Frauenlob	do	2,672	S-21	(1)	820
Elbing	do		S-14	Feb. —, 1915	820
MINING VESSELS.			V-25	do	820
Albatross	July 2, 1915	2,165	V-150	May —, 1915	680
M-27	Mar. —, 1917		G-12	Sept. —, 1915	650
M-23	June —, 1917		One	June 5, 1915	
M-47	June 11, 1917		V-188	June 26, 1915	650
M-63	June —, 1917		V-99	Aug. 19, 1915	318
M-31	June 18, 1917		S-31	Aug. —, 1915	820
M-9	July —, 1917		S-177	(2)	650
M-56	do		V-191	Dec. 17, 1915	650
M-14	do		T-125	Jan. —, 1916	480
M-15	do		S-13	do	820
M-16	June —, 1917		G-194	Mar. 25, 1916	650
M-24	May —, 1917		S-22	do	820
M-26	do		V-4	May 31, 1916	650
M-49	June —, 1917		V-27	do	820
M-12	Sept. —, 1917		V-29	do	820
M-68	Oct. 30, 1917		S-35	do	820
M-57	Nov. —, 1917		V-48	do	750
M-11	Dec. 29, 1917		V-162	Aug. —, 1916	620
M-91	Mar. 10, 1918		S-57	Nov. 16, 1916	750
M-36	Mar. —, 1918		S-58	Nov. 16, 1916	750
M-40	do		S-59	do	750
M-39	Apr. —, 1918		V-76	do	750
			V-75	do	750
			G-88	Apr. 7, 1917	650

[1] Lost early in war.

[2] Latter part of 1915.

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WAR VESSELS OF THE TRIPLE ENTENTE LOST DURING THE WAR—Con.

GERMANY—Continued.

Vessels.	Date.	Tonnage.
DESTROYERS—con.		
G-42	Apr. 20, 1917	700
G-85	....do....	750
S-17	May —, 1917	820
S-20	June 5, 1917	820
S-15	....do....	820
V-84	June —, 1917	750
T-129	May 1, 1917	480
S-64	Oct. —, 1917	750
G-37	Nov. —, 1917	700
S-16	Jan. —, 1918	820
G-96	Mar. —, 1918	750
G-87	Mar. 30, 1918	750
G-93	....do....	750
G-94	....do....	750
G-9	May —, 1918	650
S-62	July —, 1918	750
S-66	....do....	750
T-122[1]	Oct. —, 1918	465
G-41	....do....	750
V-74	....do....	750
V-30	Nov. 20, 1918	820
TORPEDO BOATS.		
A-2	May 1, 1915	95
A-6	....do....	150
One	Aug. 22, 1915	.....
T-25	[2]	84
T-50	[2]	128
T-57	[2]	128
T-78	May —, 1917	150
T-43	[3]	143
T-54	Oct. 6, 1916	128
T-56	Oct. —, 1917	128
T-66	[4]	167
A-43	Nov. 17, 1917	200
A-60	Nov. 22, 1917	200
A-32	Dec. —, 1917	200
A-73	Jan. 19, 1918	200
A-77	....do....	.....
A-10	Feb. 6, 1918	95
A-50	Apr. —, 1918	200
A-57	Mar. 1, 1918	200
A-56	Mar. —, 1918	200
A-7	Mar. 21, 1918	95
A-19	....do....	95
V-107	Lost	318
A-71	May —, 1918	200
A-72	....do....	200
A-79	Aug. —, 1918	200
SUBMARINES.		
U-15	Aug. 9, 1914	500- 640
U-13	Sept. 4, 1914	600- 800
U-18	Nov. 23, 1914	600- 800
U-5	Dec. —, 1914	350- 500
U-11	....do....	400- 550
U-7	Jan. —7, 1915	400- 550
U-8	Mar. 4, 1915	400- 550
U-12	Mar. 10, 1915	400- 550
U-29	Mar. 18, 1915	700- 950
U-31	Mar. —, 1915	700- 950
U-14	June 5, 1915	500- 640
U-40	June 23, 1915	700- 950
U-37	June —, 1915	700- 950
UC-2	July 2, 1915	177- 194
U-23	July 20, 1915	650- 900
U-36	July 24, 1915	700- 950
UB-4	Aug. 11, 1915	125- 140
UB-1	Aug. 22, 1915	125- 140
U-27	Aug. 19, 1915	700- 950
SUBMARINES—con.		
U-26	Aug. —, 1915	700- 950
U-6	Sept. 15, 1915	350- 500
U-41	Sept. 24, 1915	700- 950
UC-8	Nov. 6, 1915	179- 202
UC-9	Oct. 6, 1915	179- 202
UC-12	Mar. 17, 1916	179- 202
U-68	Mar. 22, 1916	800-1,150
UB-13	[5]	125- 140
UB-3	Apr. 24, 1916	125- 140
UB-26	Apr. 5, 1916	250- 290
UC-3	Apr. 23, 1916	177- 194
UC-5	Apr. 27, 1916	177- 194
UB-15	May —, 1916	125- 140
U-10	....do....	400- 550
U-74	May 27, 1916	550- 700
UC-10	July 6, 1916	179- 202
U-77	July 7, 1916	550- 700
U-51	July 14, 1916	700- 950
UC-7	Aug. 21, 1916	179- 202
UB-44	July 30, 1916	250- 290
UB-7	Oct. —, 1916	125- 140
UC-13	....do....	179- 202
UC-15	Nov. —, 1916	430- 513
U-56	Nov. 2, 1916	750-1,000
U-20	Nov. 5, 1916	650- 900
UB-19	Nov. 30, 1916	650- 900
UC-19	Dec. 4, 1916	430- 513
UB-29	Dec. 6, 1916	250- 290
UB-46	Dec. 16, 1916	250- 290
UB-45	Oct. 30, 1916	250- 290
UB-37	Jan. 14, 1917	250- 290
U-76	Jan. 26, 1917	550- 700
UC-39	Feb. 8, 1917	395- 475
UC-46	....do....	430- 513
U-83	Feb. 17, 1917	750-1,000
UC-32	Feb. 23, 1917	395- 475
UC-43	Mar. 10, 1917	395- 475
UC-18	Mar. 12, 1917	430- 513
U-85	....do....	750-1,000
UB-6	Mar. 13, 1917	125- 140
UC-68	Apr. 5, 1917	430- 513
UC-30	Apr. 19, 1917	395- 475
U-81	May 1, 1917	750-1,000
UC-26	May 9, 1917	395- 475
UB-39	May 17, 1917	250- 290
U-59	May 14, 1917	750-1,000
UC-24	May 24, 1917	395- 475
UC-36	May 20, 1917	430- 513
UC-29	June 7, 1917	395- 475
U-99	June 20, 1917	.....
UC-66	June 12, 1917	430- 513
UB-36	June —, 1917	250- 290
U-69	July 12, 1917	800-1,150
UC-61	July 26, 1917	430- 513
UB-20	July 29, 1917	250- 200
UB-27	....do....	250- 290
UB-23	July 31, 1917	250- 290
UC-1	July —, 1917	177- 194
UC-44	Aug. 4, 1917	395- 475
U-44	Aug. 12, 1917	2,000
UC-41	Aug. 21, 1917	395- 475
UB-32	Aug. 18, 1917	250- 290
UC-72	Sept. 22, 1917	430- 513
U-28	Sept. 2, 1917	700- 950
U-49	Sept. 11, 1917	700- 950
U-45	Sept. 12, 1917	700- 950
UC-42	Sept. 10, 1917	395- 475
U-88	Sept. 17, 1917	750- 100
UC-33	Sept. 26, 1917	430- 513
UC-55	Sept. 29, 1917	430- 513
UC-21	Sept. —, 1917	430- 513

[1] The latest British Admiralty does not give this as a casualty.
[2] Before June, 1916.
[3] Before July, 1917.
[4] Before November, 1917.
[5] Before April, 1916.

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WAR VESSELS OF THE TRIPLE ENTENTE LOST DURING THE WAR—Con.

GERMANY—Continued.

Vessels.	Date.	Tonnage.
SUBMARINES—con.		
UC-6	Sept. 28, 1918	177- 194
U-50	Oct. —, 1917	700- 950
U-106	Oct. 9, 1917	
U-66	Oct. —, 1917	800-1,150
UC-79	Oct. 19, 1917	395- 475
UB-41	Oct. 5, 1917	250- 290
UC-62	Oct. —, 1917	430- 513
UC-14	Oct. —, 1917	179- 203
UC-16	Oct. 23, 1917	430- 513
UC-63	Nov. 1, 1917	430- 514
UC-65	Nov. 3, 1917	430- 513
U-58	Nov. 17, 1917	750-1,000
U-48	Nov. 24, 1917	700- 950
UB-18	Nov. 18, 1917	250- 290
UC-57	Nov. —, 1917	430- 513
UB-81	Dec. 2, 1917	
U-75	Dec. 13, 1917	550- 700
UC-38	Dec. 15, 1917	430- 513
UC-47	Nov. 17, 1917	430- 513
UB-61	Nov. 29, 1917	
U-87	Dec. 25, 1917	750- 100
UB-75	Dec. 10, 1917	
UC-69	Dec. 6, 1917	430- 513
UB-56	Dec. 19, 1917	
UC-51	Nov. 13, 1917	430- 513
UB-35	Jan. 26, 1918	250- 290
UB-22	Jan. 19, 1918	250- 290
U-93	Jan. 7, 1918	800-1,150
U-95	Jan. —, 1918	800-1,150
U-84	Jan. 26, 1918	750-1,000
UB-63	Jan. 28, 1918	
UB-69	Jan. 8, 1918	
UB-66	Jan. 18, 1918	
U-109	Jan. 26, 1918	
UC-50	Feb. 4, 1918	430- 513
UB-38	Feb. 8, 1918	250- 290
U-89	Feb. 13, 1918	750-1,000
UB-17	Feb. 25, 1918	60- 120
UB-58	Mar. 10, 1918	
U-110	Mar. 15, 1918	
UC-48	[1] Mar. 23, 1918	430- 513
UB-54	Mar. 11, 1918	
UB-33	Apr. 11, 1918	250- 290
UB-82	Apr. 17, 1918	
UB-71	Apr. 21, 1918	
UB-55	Apr. 22, 1918	
U-104	Apr. 25, 1918	
U-61	Mar. 26, 1918	750-1,000
UB-70	May 8, 1918	
UB-85	Apr. 30, 1918	
UB-119	May —, 1918	
UC-78	May 2, 1918	395- 475
UB-78	May 9, 1918	
UB-16	May 10, 1918	125- 140
U-154	May 11, 1918	
U-103	May 12, 1918	
UB-72	....do....	
UC-35	May 16, 1918	430- 513
U-39	[1] May 19, 1918	700- 950
UB-52	May 23, 1918	
UC-56	[1] May 24, 1918	430- 513
UB-74	May 26, 1918	
UC-49	May 31, 1918	430- 513
UC-75	....do....	395- 475
UB-31	May 2, 1918	250- 290
U-64	June 17, 1918	750-1,000
UC-64	June 20, 1918	430- 513
UC-11	June 26, 1918	179- 202
UC-77	July 10, 1918	395- 475
UB-110	July 19, 1918	
UB-108	July —, 1918	
UB-124	July 20, 1918	
UB-65	July —, 1918	
UB-107	....do....	
U-32	May 8, 1918	700- 950
UB-53	Aug. 3, 1918	250- 290
UB-30	Aug. 13, 1918	
UC-70	Aug. 28, 1918	
UB-109	Aug. 29, 1918	
UB-57	Aug. —, 1918	
UB-57	....do....	
UB-12	....do....	125- 140
U-92	Sept. —, 1918	750-1,000
UB-83	....do....	
UB-103	....do....	
UB-104	....do....	
UB-113	....do....	
UB-115	....do....	
UB-127	....do....	
U-102	....do....	
U-156	....do....	
UB-68	Oct. 4, 1918	
UB-90	Oct. 16, 1918	
UB-116	Oct. 28, 1918	
U-78	....do....	550- 700
UB-40	[2]	250- 290
UB-10	[2]	125- 140
UB-59	[2]	
UC-4	[2]	177- 194
UB-123	Oct. —, 1918	
SURVEY SHIPS.		
Mowe	Aug. 14, 1914	
Planet	Oct. 7, 1914	
SPECIAL VESSEL.		
Komet	[3]	
ARMED AUXILIARIES.		
Titania	Nov. —, 1914	
Berlin	[1] Nov. 17, 1914	
Cap Trafalgar	Sept. 14, 1914	
Cormoran	[1] Dec. 14, 1914	
Kaiser Wilhelm der Grosse	Aug. 26, 1914	
Kronprinz Wilhelm	[5]	
Prinz Eitel Friedrich	[5]	
Meteor	[5] Aug. 9, 1915	
Greif	Feb. 9, 1915	
Hermann	June 13, 1916	
Pallanza	July —, 1917	
Sao Paulo	....do....	
Seeadler	Aug. 23, 1917	
Niederwald	[6]	
Bethania	[7]	
Brugge	Oct. —, 1918	
Eleonore Woermann	Jan. 6, 1915	
Graecia	[8] Oct. 10, 1914	
Itolo	Sept. 21, 1914	
Konig Albert	[9]	
Konigin Luise	Aug. 5, 1914	
Markomannia	Oct. 12, 1914	
Max Brock	[8] Sept. 30, 1914	
Moltke	[9]	
Navarra	Nov. 12, 1914	
Prince Adalbert	[10] Aug. 5, 1914	
Rhenania	[1]	
Santa Fe	[1] Nov. —, 1918	
Seydlitz		
Spreewald	[8] Sept. 12, 1914	
Sudmark	[8] Aug. 15, 1914	
HOSPITAL SHIP.		
Ophelia	Dec. 20, 1915	

[1] Interned.
[2] Destroyed at evacuation of Flanders.
[3] Captured in New Guinea Oct. 14, 1914. Now H. M. A. S. Una.
[5] Interned. Taken over by U. S.
[6] Early in 1918 lost.
[7] Captured Sept. 7, 1914.
[8] Captured.
[9] Sequestered by Italy.
[10] Seized.

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WAR VESSELS OF THE TRIPLE ENTENTE LOST DURING THE WAR—Con.

AUSTRIA-HUNGARY.

No.	Type.	Datei	Name.	Tonnage.
3	Battleship	June 10, 1918	Szent Istvan	(1)
		Dec. 10, 1917	Wien	(1)
		Nov. 1, 1918	Viribus Unitis	(1)
2	Cruiser	Aug. 16, 1914	Zenta	2,264
		Nov. 7, 1914	Kaiserin Elizabeth	3,937
1	River monitor	Oct. 23, 1914	Temes	433
1	Training ship	Dec. 17, 1914	Beethoven	
5	Destroyer	Dec. 29, 1915	Triglav	787
		do	Lika	787
		June —, 1917	Wildfang	(1)
		May 27, 1918	One	(1)
		Aug. 23, 1914	26	(1)
5	Torpedo boat	Aug. 18, 1914	No. 19	78
		Mar. —, 1916	22	(1)
		Oct. 5, 1917	11	(1)
		May 13, 1918	One	(1)
		Sept. 5, 1918	One	(1)
12	Submarine[2]	May 27, 1915		
		July 1, 1915	U-11	685–860
		Aug. 11, 1915	U-12	
		Aug. 13, 1915	U-3	233–295
		Aug. 12, 1915	III	(1)
		Aug. 11, 1915	XII[3]	(1)
		May 13, 1916	VI	(1)
		Oct. 16, 1916	XVI	(1)
		Dec. 17, 1916	X	(1)
		Apr. —, 1917	XXX	(1)
		Feb. 21, 1918	XXIII	(1)
		Reported lost.	XXIX	
29				

TURKEY.

2	Battleship	Dec. 14, 1914	Mussudyeh	10,000
		Aug. 8, 1915	Barbarossa	9,900
1	Cruiser	Apr. 3, 1915	Mejidieh	3,330
1	Light cruiser	Jan. 20, 1918	Midilli (ex Breslau)	(1)
1	Armed auxiliary		Rodosto[4]	(1)
13	Gunboat	Oct. 31, 1914	Burak Reis	502
		Dec. —, 1914	Issa Reis	420
		Jan. 21, 1915		
		Apr. 3, 1915		
		do		
		May 3, 1915		
		May 24, 1915	Pelenk-i-Derib	886
		June 1, 1915	Marmaris	492
		Dec. 10, 1915	Doruk Reis	502
		do	Malatia	210
		do	Tash Kupru	(1)
		do	Yozgad	(1)
		Not known.	Nour-El-Bahir	(1)
1	Torpedo vessel	May 23, 1915	Pelenki Derya	(1)
3	Destroyer	May —, 1915	Yadikar Millet	610
		May —, 1917	Gyret I Vatawive	(1)
		Dec. 3, 1915	Yarhissar	284
6	Torpedo boat	Feb. —, 1915		
		Apr. 17, 1915	Demir Hissar	97
		Sept. —, 1916	One (Kntahaya class)	
		Dec. —, 1916	Two	(1)
		Oct. 20, 1917	Hamid Abad	(1)
2	German submarine with Turkish fleet.	Jan. 10, 1916	One	(1)
		Oct. —, 1916	UB-7	(1)
2	Mine layer	Nov. —, 1914	Nilufer	(1)
		Aug. 19, 1915	Samsun	(1)
32				

[1] It is impossible to furnish the tonnage on these vessels.
[2] Several reports have been received in regard to losses of German and Austrian submarines. It is impossible to determine definitely how many have been destroyed.
[3] Subsequently raised by Italians.
[4] Captured by Russia and taken to Sevastopol.

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Table 38.—ARMOR CONTRACTS, BETHLEHEM STEEL CO.

[Information furnished by the Bureau of Ordnance, Navy Department.]

Vessels.	Act of authorization.	Date of contract.	Amount.	Cost per ton, including royalties.	Present status of contract.
			Tons.		
Amphitrite	Mar. 3, 1887	June 1, 1887	237.17	$604.85	Completed.
Puritan	do	do	1,126.46	604.85	Do.
Texas (old)	do	do	1,064.77	604.85	Do.
Maine (old)	do	do	1,221.00	634.85	Do.
Monterey	do	do	174.26	694.85	Do.
Oregon	June 30, 1890	Mar. 1, 1893	899.74	646.41	Do.
Massachusetts (old)	do	June 1, 1887 Mar. 1, 1893	2,191.25	604.85 646.41	Do.
Brooklyn	July 19, 1892	do	40.73	646.41	Do.
Iowa (old)	do	do	791.63	646.41	Do.
Kearsarge	Mar. 2, 1895	June 1, 1896	2,830.00	547.96	Do.
Alabama	June 10, 1896	June 9, 1898	2,559.00	411.20	Do.
Illinois	do	June 3, 1898	1,406.00	411.20	Do.
Maine (new)	May 4, 1898	Nov. 28, 1900	2,419.00	411.20 453.00	Do.
Ohio	do	do	1,213.00	411.20 453.00	Do.
Florida (old)	do	Oct. 4, 1899	541.44	411.20	Do.
Cheyenne (formerly Wyoming)	do	do	541.44	411.20	Do.
Virginia	Mar. 3, 1899	Nov. 28, 1900	1,948.00	411.20 453.00	Do.
Nebraska	do	do	3,332.00	411.20 453.00	Do.
Georgia	do	do	3,332.00	411.20 453.00	Do.
Pennsylvania (old)	do	do	1,908.00	411.20 453.00	Do.
West Virginia	do	do	954.00	411.20 453.00	Do.
Colorado	June 7, 1900	do	1,908.00	411.20 453.00	Do.
Maryland	do	do	954.00	411.20 453.00	Do.
St. Louis	do	do	365.00	411.20 453.00	Do.
Milwaukee	do	do	731.00	411.20 453.00	Do.
Louisiana	July 1, 1902	Feb. 28, 1903	3,542.00	411.20 453.00	Do.
Washington	do	do	2,190.00	411.20 453.00	Do.
Kansas	Mar. 3, 1903	Dec. 31, 1903	1,772.00	411.20 453.00	Do.
Minnesota	do	do	3,543.00	411.20 452.00	Do.
New Hampshire	Apr. 27, 1904	Apr. 1, 1905	3,038.00	411.20 453.00	Do.
North Carolina	do	do	1,021.00	411.20 453.00	Do.
South Carolina	Mar. 3, 1905	Aug. 10, 1906	1,794.00	345.89	Do.
Delaware	June 29, 1907	Aug. 15, 1907	2,198.00	417.65	Do.
North Dakota	Mar. 2, 1907	do	1,382.00	416.54	Do.
Florida	May 13, 1908	Jan. 20, 1909	1,983.00	422.36	Do.
Utah	do	do	1,154.00	421.99	Do.
Arkansas	Mar. 3, 1909	Sept. 27, 1909	3,946.00	424.25	Do.
Wyoming	do	do	648.00	440.69	Do.
Texas	June 24, 1910	Feb. 17, 1911	2,257.00	432.97	Do.
New York	do	June 13, 1911	2,212.00	430.64	Do.
Oklahoma	Mar. 4, 1911	Jan. 15, 1912	1,899.00	420.00 480.00	Do.
Nevada	do	do	3,124.00	460.00 508.00	Do.
Pennsylvania	Aug. 22, 1912	Mar. 1, 1913	2,666.00	454.00 496.00 518.00	Do.
Idaho	June 30, 1914	Nov. 6, 1914	16,256.00	425.00 486.00	Do.
New Mexico	do	do		466.00 376.00	
California	Mar. 3, 1915	Apr. 11, 1916	60.00	395.00	Do.
Tennessee					
Iowa	Aug. 29, 1916 July 1, 1918	Oct. 29, 1919	21,010.00	520.00 581.00	90 per cent. 69 per cent.
Massachusetts	do	do		555.00	

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Table 38.—ARMOR CONTRACTS, BETHLEHEM STEEL CO.—Continued.

Vessels.	Act of authorization.	Date of contract.	Amount.	Cost per ton, including royalties.	Present status of contract.
			Tons.		
Colorado	Aug. 29, 1916	Dec. 28, 1916	16,021.20	420.00 485.00 466.00 395.00 785.00	Completed.
Washington	do	do			
Lexington	do	Apr. 27, 1917	8,841.00	525.00	28 per cent.
Saratoga	do	May 19, 1920		586.00 560.00	68 per cent.

Table 39.—ARMOR CONTRACTS, CARNEGIE STEEL CO.

[Information furnished by the Bureau of Ordnance, Navy Department.]

Arkansas (old)	May 4, 1898	Aug. 30, 1899	538.00	$411.20	Completed.
Nevada (old)	do	do	538.00	411.20	Do.
Virginia	Mar. 3, 1899	Nov. 26, 1900	1,384.00	411.20 453.00	Do.
West Virginia	do	do	954.00	411.20 453.00	Do.
California	do	do	1,908.00	411.20 453.00	Do.
New Jersey	June 7, 1900	do	3,332.00	411.20 453.00	Do.
Rhode Island	do	do	3,332.00	411.20 453.00	Do.
Maryland	do	do	954.00	411.20 453.00	Do.
South Dakota	do	do	1,908.00	411.20 453.00	Do.
St. Louis	do	do	365.00	411.20 453.00	Do.
Charleston	do	do	731.00	411.20 453.00	Do.
Connecticut	July 1, 1902	Feb. 28, 1903	3,542.00	411.20 453.00	Do.
Tennessee	do	do	2,190.00	411.20 453.00	Do.
Vermont	Mar. 3, 1903	Jan. 9, 1904	3,543.00	411.20 453.00	Do.
Kansas	do	do	1,772.00	411.20 453.00	Do.
Montana	Apr. 27, 1904	Apr. 3, 1905	1,921.00	411.20 453.00	Do.
South Carolina	Mar. 3, 1905	Aug. 13, 1906	1,865.00	345.95	Do.
Delaware	June 29, 1906	July 22, 1907	2,491.00	416.35	Do.
North Dakota	Mar. 2, 1907	do	1,047.00	418.36	Do.
Florida	May 13, 1908	Jan. 6, 1909	977.00	422.20	Do.
Utah	do	do	2,176.00	423.07	Do.
Arkansas	Mar. 3, 1909	Sept. 13, 1909	1,098.00	420.00	Do.
Wyoming	do	do	3,506.00	420.68	Do.
Texas	June 24, 1910	Feb. 10, 1911	2,207.00	431.44	Do.
New York	do	May 25, 1911	2,323.00	426.69	Do.
Nevada	Mar. 4, 1911	Jan. 15, 1912	4,540.00	420.00	Do.
Oklahoma	do	do	591.00	480.00 460.00 508.00	Do.
Pennsylvania	Aug. 22, 1912	Mar. 1, 1913	2,683.00	454.00 496.00 518.00	Do.
Amphitrite	Mar. 3, 1887	Nov. 20, 1890	427.00	574.00	Do.
Monadnock	do	do	675.00	574.00	Do.
Terror	do	do	629.00	574.00	Do.
Monterey	do	do	532.00	574.00	Do.
New York (old)	Sept. 7, 1888	do	517.00	574.00	Do.
Olympia	do	do	227.44	599.04	Do.
Cincinnati	do	do	47.00	599.04	Do.
Raleigh	do	do	47.00	599.04	Do.
Montgomery	do	do	22.00	599.04	Do.
Detroit	do	do	22.00	599.04	Do.
Marblehead	do	do	20.00	599.04	Do.
Machias	Mar. 2, 1889	do	20.85	599.04	Do.
Castine	do	do	21.00	599.04	Do.
Columbia	June 30, 1890	do	76.64	599.04	Do.
Katahdin	do	do	775.00	574.00	Do.
Oregon	do	do	1,867.00	574.00	Do.

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Table 39.—ARMOR CONTRACTS, CARNEGIE STEEL CO.—Continued.

Vessels.	Act of authorization.	Date of contract.	Amount.	Cost per ton, including royalties.	Present status of contract.
			Tons.		
Massachusetts	June 30, 1890	Nov. 20, 1890	582.00	$574.00	Completed.
		Feb. 28, 1893		671.00	
Indiana	do	June 1, 1887	2,316.00	605.00	Do.
		Mar. 1, 1893		646.00	
		Nov. 20, 1890	430.00	574.00	Do.
		Feb. 28, 1893		671.00	
Minneapolis	Mar. 2, 1891	do	75.68	657.93	Do.
Iowa	July 19, 1892	do	1,812.00	671.00	Do.
Brooklyn	do	do	661.00	671.00	Do.
Nashville	Mar. 3, 1893	Feb. 11, 1895	37.00	298.15	Do.
Helena	do	do	29.00	304.64	Do.
Wilmington	do	do	29.00	307.61	Do.
Kentucky	Mar. 2, 1895	June 1, 1896	2,830.00	552.50	Do.
Illinois	June 10, 1896	June 9, 1898	1,153.00	411.00	Do.
Wisconsin	do	do	2,559.00	411.20	Do.
Ohio	May 4, 1898	Nov. 26, 1900	1,214.00	411.20	Do.
				453.00	
Missouri	do	do	2,409.00	411.20	Do.
				453.00	
Tennessee	Mar. 3, 1915	Apr. 7, 1916	15,901.20	486.00	Do.
California				460.00	
				425.00	
Maryland	Aug. 29, 1916	Jan. 2, 1917	15,901.20	425.00	Do.
West Virginia	do	do		486.00	
				460.00	
Indiana	Aug. 29, 1916	Oct. 27, 1919	17,910.00	520.00	57.2 per cent.
	Mar. 4, 1917			581.00	
Montana	do	do		555.00	93.5 per cent.
Constellation	do	Apr. 11, 1917	11,788.00	525.00	61 per cent.
Ranger	do	May 18, 1920		586.00	
				560.00	25.5 per cent.

Table 40.—ARMOR CONTRACTS, MIDVALE STEEL CO.

[Information furnished by the Bureau of Ordnance, Navy Department.]

Mississippi	Mar. 3, 1903	Dec. 15, 1903	3,090.00	$385.00	Completed.
				398.00	
Idaho	do	do	3,090.00	385.00	Do.
				398.00	
New Hampshire	Apr. 27, 1904	Apr. 5, 1905	504.00	385.00	Do.
				398.00	
North Carolina	do	do	269.00	385.00	Do.
				398.00	
Montana	do	do	269.00	385.00	Do.
				398.00	
Michigan	Mar. 3, 1905	Aug. 6, 1906	3,660.00	345.92	Do.
North Dakota	Mar. 2, 1907	Aug. 29, 1907	2,259.00	406.56	Do.
Florida	May 13, 1908	Jan. 14, 1909	1,748.00	420.73	Do.
Utah	do	do	1,380.00	418.31	Do.
Arkansas	Mar. 3, 1909	Sept. 10, 1909	1,445.00	422.19	Do.
Wyoming	do	do	2,341.00	421.91	Do.
Texas	June 24, 1910	Feb. 20, 1911	2,274.00	426.71	Do.
New York	do	June 2, 1911	2,202.00	435.05	Do.
Oklahoma	Mar. 4, 1911	Jan. 15, 1912	5,189.00	420.00	Do.
				480.00	
				460.00	
				508.00	
Pennsylvania	Aug. 22, 1912	Mar. 1, 1913	2,723.00	454.00	Do.
				518.00	
				496.00	
Arizona	Mar. 4, 1913	Nov. 17, 1913	7,739.00	440.00	Do.
	do	May 20, 1914	252.00	504.00	
				471.00	Do.
Mississippi	June 30, 1914	Nov. 7, 1914	8,128.00	425.00	Do.
				486.00	
				466.00	
Tennessee	Mar. 3, 1915	Apr. 12, 1916	60.00	376.00	Do.
California				376.00	
Maryland	Aug. 29, 1916	Jan. 2, 1917	58.00	385.00	Do.
South Dakota	Aug. 29, 1916	Oct. 28, 1919	21,010.00	520.00	Do.
	Mar. 4, 1917			581.00	
North Carolina	Aug. 29, 1916	do		555.00	80 per cent.
	July 1, 1918				
Constitution	do	Apr. 18, 1917	8,841.00	525.00	53 per cent.
Saratoga		June 4, 1920		586.00	
				560.00	68 per cent.

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Table 41.—ARMOR CONTRACTS, CARBON STEEL CO.

[Information furnished by the Bureau of Ordnance, Navy Department.]

Vessels.	Act of authorization.	Date of contract.	Amount.	Cost per ton, including royalties.	Present status of contract.
			Tons.		
Arizona	Mar. 4, 1913	Oct. 10, 1913	[1] 61.00	$448.00	Completed.

[1] Class C steel.

Table 42.—ARMOR CONTRACTS, PITTSBURGH SCREW & BOLT CO.

[Information furnished by the Bureau of Ordnance, Navy Department.]

Maryland	Aug. 29, 1916	Mar. 8, 1917	2.00	[1] $2,240.00	Completed.
West Virginia	.....do.....	.....do.....	60.00	[1] 548.80 [1] 2,240.00	Do.
Constellation	.....do.....	Apr. 12, 1917	30.00	[1] 548.00 [1] 2,240.00	70 per cent.
Ranger	.....do.....	.....do.....	30.00	[1] 548.00 [1] 2,240.00	
Constitution	Mar. 4, 1917	.....do.....	1.30	[1] 2,240.00	

[1] Bronze tap bolts.

Table 43.—PRICES PAID FOR ARMOR BY PRINCIPAL NAVAL POWERS.

[Information furnished by the Bureau of Ordnance, Navy Department.]

Countries.	Turret armor.	Krupp side armor.
Japan	[1] $490.00	[1] $490.00
Austria	[1] 729.00	[1] 511.00
Italy	[1] 444.00	405.00
Germany	.....	490.00
France	[1] 598.00	[1] 460.00
England	[1] 691.00	[1] 503.00
Russia	[1] 510.00	[1] 368.00

[1] Same as in 1919 Yearbook; no new information.

Table 44.—NAVY FUEL.

The necessity for maximum steaming radius and compact design in boilers with limited combustion spaces requires that special care be exercised in the selection of suitable fuel for Navy use afloat.

COAL.

Coal must be dry and practically free from slate, dirt, sulphur, and other foreign substances, subject to the usual inspection and test, and must weigh 2,240 pounds per ton, the weight to be determined in a manner satisfactory to the Government. Bituminous coal is purchased on a guaranteed analysis, but anthracite coal is not.

Bituminous coal for use on board ship must be furnished from mines occupying a position on the Navy acceptable list and must be of the best quality run of mine with at least 40 per cent lump, suitable and acceptable for the uses of the naval service. Each delivery must conform to the following analysis:

Volatile matter	23 per cent maximum.
Ash	7 per cent maximum.
Sulphur	1.5 per cent maximum.
Fixed carbon	70 to 79 per cent.
B. t. u. per pound	14,700 minimum.

The bulk of bituminous coal for power plant purposes is purchased under the following specifications. It shall be of best quality bituminous or semibituminous with a fair proportion of lump suitable and acceptable for use by the naval stations ashore and have an analysis not lower than the following:

Volatile matter dry coal	28 per cent maximum.
Ash, dry coal	9 per cent maximum.
Sulphur, dry coal	2 per cent maximum.
Moisture, delivered coal	3 per cent maximum.
Or B. t. u. dry coal, less than	14,000 per pound minimum.

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FUEL OIL.

With reference to the quality of fuel oil required for the naval service, the following general specifications are required:

(*a*) All fuel oil shall be a hydrocarbon oil, free from grit, acid, and fibrous or other foreign matters likely to clog or injure the burners or valves. If required, it shall be strained by being drawn through filters of wire gauze of 16 meshes to the inch. The clearance through the strainers shall be at least twice the area of the suction pipe and the strainers shall be duplicate.

(*b*) The unit of quantity to be the barrel of 42 gallons of 231 cubic inches at a standard temperature of 60° F. For every decrease or increase of temperature of 10° F. (or proportion thereof) from the standard, 0.4 of 1 per cent (or prorated percentage) shall be added or deducted from the measured or gauged quantity for correction.

The detailed requirements of the various grades are as follows:

	Navy standard.	Bunker fuel oil A.	Bunker fuel oil B.	Bunker fuel oil C.
Flash point not lower than (Pensky-Martens closed tester).	150° F.	150° F.	150° F.	150° F.
Viscosity shall not be greater than.	140 seconds at 70° F.	140 seconds at 70° F.	100 seconds at 122° F.	350 seconds at 122° F.
Sulphur shall not be over.	1.5 per cent.			
Water and sediment combined shall not amount to over.	1 per cent.	1 per cent.	1 per cent.	1 per cent.

GASOLINE.

The gasoline required for naval service shall be high grade, refined, and free from undissolved water and suspended matter. Quantity delivered is determined by the weight. The number of pounds per gallon to be determined by the specific gravity of the gasoline at 60° F., multiplied by 8.33 pounds, the weight of 1 gallon of distilled water at the same temperature; or, at such points as it may be impracticable to determine the quantity by this method, the commercial practice for determining the quantity will obtain.

The detailed test requirements of the various grades are as follows:

	Grade A, fighting aviation gasoline.	Grade B, domestic aviation gasoline.	Grade C, motor gasoline.
Color	Water white; if requested this grade shall be colored red.	Water white.	
Doctor test	Negative.	Negative.	
Corrosion test, amount of gray or black corrosion and weighable amount of deposit allowed when evaporated in a polished copper dish.	None.	None.	
Unsaturated hydrocarbons permitted	Not over 1 per cent	Not over 2 per cent	
Acid heat test; not to increase in temperature more than	10° F.	10° F.	
Volatility and distillation range when the first drop of sample has been recovered in the graduated receiver, the thermometer shall not read more than—			60° C. (140° F.).
When 5 per cent is recovered	65° C. nor less than 50 C.	75° C. nor less than 50° C.	
When 20 per cent is recovered			Not more than 105° C.
When 50 per cent is recovered	Not more than 95° C.	Not more than 105° C.	Not more than 140° C.
When 90 per cent is recovered	125° C.	155° C.	190° C.
When 96 per cent is recovered	150° C.; end point not higher than 165° C.	175° C.; end point not higher than 190° C.	End point not to be higher than 225° C.
Amount recovered as distillate to be at least.	96 per cent.	96 per cent.	95 per cent.

For grades A and B the distillation loss shall not exceed 2 per cent, the residue remaining in the flask shall not show an acid reaction.

The quantities of fuel consumed afloat during the fiscal years beginning 1906 are shown in the table following.

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Table 45.—CONSUMPTION OF FUEL IN FISCAL YEARS 1906 TO 1921, INCLUSIVE.

Years.	Coal.	Fuel oil.	Gasoline.	Years.	Coal.	Fuel oil.	Gasoline.
	Tons.	*Barrels.*	*Gallons.*		*Tons.*	*Barrels.*	*Gallons.*
1906	436,654	.....	.....	1914	714,834	488,539	454,783
1907	521,990	.....	.....	1915	790,674	521,382	633,243
1908	618,085	.....	.....	1916	802,165	842,492	888,591
1909	813,615	.....	.....	1917	825,737	1,576,765	936,587
1910	651,241	.....	.....	1918	1,581,672	4,994,367	9,940,905
1911	744,423	137,587	.....	1919	2,512,467	6,934,468	10,453,170
1912	729,903	336,826	.....	1920	859,621	5,102,353	2,587,119
1913	658,813	361,783	.....	1921	703,723	6,689,084	2,275,579

Table 46.—FUEL PROCURED UNDER NAVY ORDERS AND CONTRACTS AND PURCHASED BY SHIPS IN OPEN MARKET DURING THE FISCAL YEARS 1920 AND 1921.

	Coal.		Fuel oil.		Gasoline.	
	Tons.	Value.	Barrels.	Value.	Gallons.	Value.
1920.						
Atlantic coast stations	1,508,679	$8,769,842.09	4,878,939	$6,497,999.70	4,727,737	$1,091,783.55
Pacific coast and Honolulu	1,068	11,313.27	981,758	1,261,989.14	1,106,840	199,417.97
Asiatic stations	55,983	783,411.97	.....	.....	.....	.....
Naval vessels	32,136	505,182.24	721,895	1,320,645.43	252,419	66,713.26
Total	1,597,866	10,069,749.57	6,582,592	9,080,634.27	6,086,996	1,357,914.78
1921.						
Atlantic coast stations	1,387,296	9,613,115.13	5,119,685	14,241,591.32	4,081,665	1,173,035.10
Pacific coast and Honolulu	2,142	30,178.16	2,882,744	7,626,292.82	2,588,546	728,492.83
Asiatic stations	28,007	422,065.74	.....	.....	5,000	2,560.00
Naval vessels	46,622	751,684.87	651,842	1,718,371.52	347,151	102,436.56
Total	1,464,067	10,817,043.90	8,654,271	23,586,255.66	7,022,362	2,007,124.49

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Table 47.—DELIVERIES OF COAL FROM PRINCIPAL SHORE STATIONS DURING THE FISCAL YEARS 1920 AND 1921.

[Including issues for yard and other purposes.]

ATLANTIC STATIONS.

Yards and stations.	Fiscal year 1920.		Fiscal year 1921.	
	Tons.	Value.	Tons.	Value.
Annapolis	33,882.93	$209,541.87	31,513.25	$224,282.58
Boston	78,599.03	404,017.98	62,868.15	405,833.73
Charleston, navy yard	27,816.19	160,743.63	27,479.35	160,275.54
Charleston, fuel depot	*a* 48,683.37	303,233.97	*aa* 50,233.41	295,787.58
Chatham	1,252.24	6,650.02	20.00	112.51
Constable Hook	*b* 100,791.00	481,886.78	*bb* 50,978.50	300,069.52
Dover, N. J	2,028.73	13,091.28	1,518.16	10,992.17
Frenchmans Bay	28.00	101.77	None.	
Great Lakes	90,276.79	247,122.41	71,013.32	224,105.76
Guantanamo	25,712.88	224,073.28	21,210.70	172,257.59
Indianhead	36,515.39	211,560.02	36,087.37	268,179.37
Key West	13,387.72	100,583.27	10,761.00	102,089.99
Lakehurst	814.24	3,665.50	1,377.26	10,698.16
Melville Station	*c* 46,005.39	304,093.31	*cc* 49,351.00	367,654.44
New London	1,263.67	6,687.51	805.72	5,932.91
New Orleans	11,733.93	81,954.61	3,985.08	32,461.44
Newport News	*d* 43,435.58	224,130.17	*dd* 3,198.19	16,312.68
Newport Torpedo Station	17,257.85	108,079.48	15,660.30	111,699.19
New York	128,061.39	783,597.74	91,782.00	689,321.39
Norfolk and naval operating base, Hampton Roads	*e* 848,489.31	4,704,596.03	*ee* 799,146.66	5,591,138.17
Pensacola	7,939.40	39,975.52	7,562.01	49,275.64
Philadelphia	*f* 169,814.55	969,665.23	*ff* 127,618.38	925,908.57
Portsmouth	56,192.39	322,742.24	38,469.40	258,953.19
Rockaway Beach	3,770.00	22,022.29	3,250.11	35,628.93
Sewalls Point	*g* 68,364.08	353,934.61	*gg* 15,535.00	82,541.39
South Boston	*h* 47,747.06	250,495.38	*hh* 46,560.23	266,236.48
South Brooklyn	*i* 316,272.60	1,723,751.38	*ii* 70,515.14	547,161.19
South Charleston, W. Va	5,669.81	21,597.96	5,728.63	20,733.88
Washington	66,769.63	365,119.64	68,330.69	491,835.70
First naval district	18,668.62	87,702.95		
Ninth, tenth, and eleventh districts	2,572.06	12,770.38	4,644.11	35,749.38
Total, Atlantic stations	2,319,815.83	12,749,188.21	1,717,203.12	11,703,229.07

PACIFIC AND MID-PACIFIC STATIONS.

Guam	5,261.17	$66,753.87	4,748.52	$63,014.03
Mare Island	12,635.20	109,127.23	4,461.65	42,727.76
Managua, Nicaragua	1,579.88	15,302.71		
Panama Canal	42,400.59	330,055.26	76,132.27	703,967.14
Pearl Harbor	20,129.67	379,536.17	27,286.56	349,752.85
Pichilinque Bay	753.00	7,444.06	320.00	2,326.34
Puget Sound	41,443.18	291,051.59	33,339.32	217,793.21
San Diego	31,408.10	393,700.90	56,602.24	703,752.19
San Francisco	848.62	7,530.43		
Sitka	644.23	6,863.26	45.00	480.15
Tiburon	*k* 53,424.22	714,575.90	*kk* 100,284.42	828,225.02
Tutuila	5,627.70	45,511.73	3,412.45	29,548.76
Total, Pacific and mid-Pacific stations	216,155.56	2,367,453.11	306,632.43	2,941,587.5

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Table 47.—DELIVERIES OF COAL FROM PRINCIPAL SHORE STATIONS DURING THE FISCAL YEARS 1920 AND 1921—Continued.

ASIATIC STATIONS.

Yards and stations.	Fiscal year 1920.		Fiscal year 1921.	
	Tons	Value.	Tons.	Value.
Cavite	l 62,478.60	$666,963.99	ll 37,824.45	$463,589.54
Olongapo	15,852.25	161,355.08	m 23,062.44	254,952.92
Yokohama	4,514.00	67,246.31	n 22,207.00	332,385.33
Total, Asiatic stations	82,844.85	895,565.38	83,093.89	1,050,927.79

RECAPITULATION.

Atlantic stations	2,319,815.83	$12,749,188.21	1,717,203.12	$11,703,229.07
Pacific and mid-Pacific stations	216,155.56	2,367,453.11	306,632.43	2,941,587.45
Asiatic stations	82,844.85	895,565.38	83,093.89	1,050,927.79
Grand total, all stations	2,618,816.24	16,012,206.70	2,106,929.44	15,695,744.31

The above table includes coal distributed to other yards and stations and to vessels of the fleet, as follows:

	Fiscal year 1920.			Fiscal year 1921.	
	Tons.	Value.		Tons.	Value.
(a)	30,237.88	$186,667.85	(aa)	33,712.77	$197,161.88
(b)	83,463.00	399,752.50	(bb)	40,947.45	247,387.54
(c)	30,068.00	198,048.42	(cc)	33,097.50	238,038.13
(d)	39,272.13	202,989.64	(dd)	3,198.19	16,312.68
(e)	629,984.30	3,321,686.92	(ee)	636,476.46	4,405,360.94
(f)	14,373.95	89,533.88	(ff)	6,078.13	54,728.66
(g)	60,006.08	310,038.14	(gg)	8,420.00	44,666.15
(h)	34,859.76	173,415.20	(hh)	44,034.95	251,002.55
(i)	31,623.23	171,399.51	(ii)	47,771.79	373,707.04
(k)	13,021.00	112,595.23	(kk)	24,412.10	201,314.79
(l)	23,043.30	262,696.61	(ll)	1,565.28	19,640.05
			(m)	1,724.00	27,994.34
			(n)	16,743.00	245,178.00

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Table 48.—STEAMING COAL AND FUEL OIL ON HAND AT NAVY YARDS AND NAVAL STATIONS, JUNE 30, 1921; ALSO NORMAL CAPACITY OF EACH STATION.

Yards and stations.	Coal.			Fuel oil.		
	Tons.	Value.	Normal capacity, tons.	Barrels.	Value.	Normal capacity, barrels.
Annapolis	9,191	$67,767.20	2,400			
Balboa	15,469	138,848.54	50,000	42,421	$127,230.64	97,000
Boston	13,799	78,511.38	12,000	45,594	160,290.11	50,000
Cavite	69,020	749,140.12	85,000	5,030	12,071.17	100,000
Charleston	3,628	21,134.78	10,000	15,574	46,646.31	36,000
Constable Hook	42,289	307,420.37	250,000			
Cristobal	63,053	374,709.76	100,000	40,765	118,598.84	42,000
Frenchmans Bay	445	1,617.58				
Great Lakes	7,648	23,327.57				
Guam	5,393	61,551.00	8,000			
Guantanamo	19,240	130,034.20	21,000	340,829	700,331.99	358,568
Naval operating base, Hampton Roads	4,000	28,582.16		82,778	296,830.04	82,000
Key West	4,230	37,508.32	13,000	19,543	35,176.68	35,000
Mare Island	224	2,201.02	18,600	18,136	37,086.17	
Melville Station	27,293	215,840.51	50,000	133,250	429,898.41	211,000
New London	204	1,719.05	7,400	8,021	28,469.79	
New Orleans	3,403	26,445.10	4,400			
Newport News	70,883	373,247.47	300,000			
Newport Torpedo Station	454	3,579.50				
New York	3,459	24,939.63	8,900			
Norfolk	20,540	152,202.57	13,500			
Olongapo	6,379	54,178.17	15,000			
Pearl Harbor	105,095	1,201,640.04	125,000	402,930	1,124,176.08	426,000
Pensacola	1,507	8,778.26	4,980			
Philadelphia	12,591	98,631.22				
Pichilinque Bay	213	2,121.48	5,000			
Portsmouth, N. H.	10,850	77,217.90	35,000			
Puget Sound	41,306	318,638.73	35,000	220,565	497,340.21	285,448
San Diego	20,724	206,208.49	50,000	89,811	192,645.23	100,000
Sewalls Point	219,592	1,387,413.45	300,000			
Sitka	150	1,600.50	6,000			
South Brooklyn	450	2,891.72				
South Charleston, W. Va.	6,712	40,901.89	5,000			
Squantum	12,001	68,725.97				
Tiburon	104,592	1,032,854.98	100,000			
Tutuila	2,474	30,690.12	7,000			
Washington	11,055	75,718.10				
Yokohama	6,497	121,782.28	7,000			
Yorktown				407,937	1,237,352.94	700,000
Total	946,053	7,550,321.13		1,873,184	5,044,144.61	

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Table 49.—ANALYSIS OF PAY OF THE NAVY, BY RANKS AND RATINGS (FISCAL YEAR ENDING JUNE 30, 1921).

[It will be noted that this analysis is somewhat abbreviated over what has been published before in the year book.]

	Pay.	Quarters.	Heat and light.	Honorable discharge gratuities.	Total.	Number of men in grade.
REGULAR ACTIVE.						
Officers	$27,086,555.57	$3,358,872.51	$1,256,844.74	$420.00	$31,702,692.82	7,255.9
Warrant officers	3,064,079.55	328,185.08	168,722.56	60.00	3,561,047.19	1,320.37
Midshipmen	1,639,910.12	.....	.....	2,940.00	1,642,850.12	2,209.1
First leader Naval Academy band	3,360.00	.....	.....	.....	3,360.00	1.00
Nurses	382,024.29	8,067.65	3,600.54	8,360.00	394,052.48	376.24
Enlisted force	90,777,299.08	432.00	.....	1,619,560.54	92,397,291.62	116,216.55
Naval Academy band	65,994.89	.....	.....	.....	65,994.89	69.63
Insular force	345,166.48	.....	.....	8,907.96	354,074.44	769.32
Miscellaneous credits charged to "Pay of Navy"	815,796.55	.....	.....	.....	815,796.55	.....
War bonus	690,000.00	.....	.....	.....	690,000.00	.....
Increase pay, act May 18, 1920	288,778.24	.....	.....	.....	288,778.24	.....
Total	125,158,964.77	3,695,557.24	1,429,167.84	1,632,248.50	131,915,938.35	128,218.11
RETIRED.						
Officers	2,584,489.11	21,751.20	6,537.05	.....	2,612,777.36	777.37
Warrant officers	399,435.67	83.20	47.97	.....	399,566.84	231.85
Mates	5,413.53	.....	.....	.....	5,413.53	3.83
Nurses	864.00	.....	.....	.....	864.00	.75
Enlisted ratings	564,235.55	.....	.....	2,274.28	566,509.83	581.11
Total	3,554,437.86	21,834.40	6,585.02	2,274.28	3,585,131.56	1,594.91
FLYING CORPS.						
Enlisted ratings	1,702,513.79	.....	.....	13,545.80	1,716,059.59	1,697.65
Miscellaneous credits	22,534.63	.....	.....	.....	22,534.63	.....
Discharge bonus	2,940.00	.....	.....	.....	2,940.00	.....
Total	1,727,988.42	.....	.....	15,545.80	1,741,534.22	1,697.65
RESERVES.						
Officers	3,006,144.70	403,022.23	149,090.95	180.00	3,558,437.88	965.2
Warrant officers	120,747.03	13,104.22	6,749.02	.....	140,600.27	58.455
Nurses	54,777.69	238.40	138.96	60.00	55,215.05	60.2
Enlisted ratings	2,614,421.99	.....	.....	32,763.90	2,647,185.89	3,794.13
Miscellaneous credits	16,794.34	.....	.....	.....	16,794.34	.....
Discharge bonus	120,000.00	.....	.....	.....	120,000.00	.....
Increase pay, act May 18, 1920	12,400.76	.....	.....	.....	12,400.76	.....
Total	5,945,286.51	416,364.85	155,978.93	33,003.90	6,550,634.19	48,779.85
PRISONERS.						
Enlisted ratings	689,819.91	.....	.....	.....	689,819.91	1,223.66
Insular force	169.83	.....	.....	.....	169.83	.52
Miscellaneous credits	226.56	.....	.....	.....	226.56	.....
Total	690,216.30	.....	.....	.....	690,216.30	1,224.18
Grand total	137,076,893.86	4,133,756.49	1,591,731.79	1,681,072.48	144,483,454.62	.....

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Analysis of pay of the Navy by ranks and ratings (fiscal year ending June 30, 1921).

REGULAR ACTIVE.

Corps.	Pay.	Quarters.	Heat and light.	Honorable-discharge gratuities.	Total.	Number of men in grade.	Average pay per year.
LINE AND FLYING CORPS.							
Chief of Naval Operations	$10,000.00	$1,584.00	$224.50		$11,808.50	1	$10,000.00
Admirals	27,305.51	3,287.55	105.57		30,698.63	2.67	10,000.00
Vice admirals	27,025.00	4,157.60	430.77		31,613.37	3	9,000.00
Chiefs of bureaus and Judge Advocate General, rear admirals, upper half	30,083.33	4,828.20	1,223.40		36,134.93	3.76	8,000.00
Rear admirals:							
Upper half	205,913.75	20,925.40	4,306.06		231,145.21	25.58	8,050.57
Lower half	171,487.18	21,096.64	4,059.08		196,642.90	26.66	6,432.38
Captains	1,315,739.18	175,522.67	44,686.83		1,535,948.68	228.32	5,762.69
Commanders	2,090,888.04	254,848.41	71,119.59		2,416,856.04	395	5,293.13
Lieutenant commanders	3,677,728.34	453,986.28	138,172.99		4,269,887.61	780.59	4,583.23
Lieutenants	6,149,945.47	784,876.25	260,565.88	$180.00	7,215,567.60	1,621.79	3,792.07
Lieutenants (junior grade)	2,407,868.90	290,951.54	119,777.89		2,818,598.33	789.15	3,051.22
Ensigns	3,051,506.86	314,582.66	250,156.28		3,616,245.80	1,320.48	2,310.90
Total	19,165,491.56	2,330,647.20	914,828.84	180.00	22,411,147.60	5,198	
MEDICAL CORPS.							
Rear admiral, Surgeon General, chief of bureau	5,288.68	856.80	188.84		6,334.52	.66	8,000.00
Rear admirals:							
Upper half	17,266.68	2,460.00	667.68		20,394.36	2.15	8,003.10
Lower half	20,768.33	2,447.20	653.79		23,869.32	3.33	6,236.73
Captains	246,326.90	20,912.70	4,900.09		272,139.69	43.71	5,635.48
Commanders	461,236.18	53,368.65	14,539.51		529,144.34	88.67	5,201.71
Lieutenant commanders	844,186.81	106,765.63	32,118.71		983,071.15	189.67	4,450.81
Lieutenants	1,724,685.15	254,306.99	85,958.27	60.00	2,065,010.41	520.47	3,313.70
Lieutenants (junior grade)	66,392.96	9,135.09	3,540.99		79,069.04	22.14	2,998.77
Total	3,386,151.89	450,253.06	142,567.88	60.00	3,979,032.83	870.8	
DENTAL CORPS.							
Lieutenant commanders, pay of commanders	3,412.91	304.80	24.96		3,742.67	.65	5,250.63
Lieutenant commanders	157,382.03	23,130.85	7,724.91		188,237.29	37.77	4,193.38
Lieutenants	262,698.29	37,795.87	13,274.74		313,768.90	80.74	3,353.63
Lieutenants (junior grade)	22,917.34	3,206.80	1,319.06		27,443.20	8.54	2,747.88
Total	446,410.57	64,437.82	22,343.67		533,192.06	127.50	

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SUPPLY CORPS.							
Rear admiral, Paymaster General, chief of bureau	4,822.22	781.20	102.01		5,705.43	.60	8,000.00
Rear admirals, paymaster generals	4,977.77	606.40	97.90		5,882.07	.60	8,000.00
Rear admirals:							
Upper half	8,000.00	1,281.60	356.04		9,637.64	1.00	8,000.00
Lower half	2,773.00				2,773.00	.50	5,546.00
Captains	130,161.70	15,600.40	3,663.84		149,425.94	23.04	5,645.04
Commanders	269,148.39	33,669.30	9,666.93		312,484.62	51.95	5,100.91
Lieutenant commanders	392,327.19	48,866.05	14,393.58		455,586.82	81.53	4,812.05
Lieutenants	900,135.02	120,639.16	41,426.36	180.00	1,062,380.54	238.20	3,778.90
Lieutenants (junior grade)	469,778.60	58,536.59	24,311.84		552,627.02	151.17	3,107.61
Ensigns	243,112.75	24,820.91	12,087.24		280,020.90	92.99	2,614.99
Total	2,425,236.64	305,001.60	106,105.74	180.00	2,836,523.98	641.58	
CORPS OF CHAPLAINS.							
Captains	66,504.19	6,230.85	1,309.92		74,044.96	11.61	5,728.18
Commanders	14,796.66	779.20	192.88		15,768.74	2.94	5,032.88
Lieutenant commanders	8,711.50	1,244.40	437.15		10,393.05	1.85	4,708.92
Lieutenants	67,252.12	8,980.98	3,178.29		79,411.39	20.18	3,332.69
Lieutenants (junior grade)	113,761.89	13,899.42	5,659.90		133,321.21	41.14	2,765.22
Total	271,026.36	31,134.85	10,778.14		312,939.35	77.72	
CORPS OF PROFESSORS OF MATHEMATICS.							
Captains	22,400.01	3,024.00	633.41		26,057.42	4.00	5,600.00
Commanders	17,185.16	1,350.40	375.31		18,910.87	3.40	5,054.46
Lieutenant commanders	8,625.00	1,098.00	367.79		10,090.79	1.91	4,531.42
Lieutenants	4,692.00	651.20	273.38		5,616.58	1.13	4,152.21
Total	52,902.17	6,123.60	1,649.89		60,675.66	10.44	
CONSTRUCTION CORPS.							
Rear admiral, chief constructor, chief of bureau	8,000.00	1,296.00	368.85		9,664.85	1	8,000.00
Rear admirals, chief constructors	8,000.00	1,296.00	376.05		9,672.05	1	8,000.00
Captains	132,493.45	12,943.60	3,319.26		148,756.31	24.03	5,513.66
Commanders	148,278.33	15,547.20	4,788.32		168,613.85	29.34	5,053.79
Lieutenant commanders	99,080.14	12,533.20	3,912.91		115,526.25	22.81	4,343.80
Lieutenants	515,138.20	75,288.54	29,006.16		619,432.90	138.39	3,722.39
Lieutenants (junior grade)	103,373.85	13,520.00	5,316.19		122,210.04	32.87	3,144.93
Total	1,014,363.97	132,424.54	47,087.74		1,193,876.25	250.44	
CIVIL ENGINEER CORPS.							
Rear admiral, chief of bureau	8,000.00	1,296.00	368.85		9,664.85	1	8,000.00
Rear admirals, upper half	22,000.00	3,564.00	903.10		26,467.10	2.75	8,000.00
Captains	29,334.19	2,469.60	674.84		32,478.63	5.28	5,555.71

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Analysis of pay of the Navy by ranks and ratings (fiscal year ending June 30, 1921)—Continued.

REGULAR ACTIVE.—Continued.

Corps.	Pay.	Quarters.	Heat and light.	Honorable-discharge gratuities.	Total.	Number of men in grade.	Average pay per year.
CIVIL ENGINEER CORPS—continued.							
Commanders	$65,331.54	$5,552.80	$1,606.10		$72,490.44	12.88	$5,073.10
Lieutenant commanders	65,663.55	6,897.77	2,017.85		74,579.17	14.38	4,566.31
Lieutenants	102,788.52	15,283.20	4,468.11		122,539.83	31.95	3,217.16
Lieutenants (junior grade)	29,308.52	3,430.07	1,269.54		34,008.13	10.17	2,881.86
Ensigns	2,546.09	356.40	174.45		3,076.94	1.01	2,520.88
Total	324,972.41	38,849.84	11,482.84		375,305.09	79.42	
Extra pay:							
Aids to rear admirals	8,423.29				8,423.29		
Aviation duty	349,838.30				349,838.30		
CHIEF WARRANT OFFICERS.							
Ensigns:							
Chief boatswains—							
Pay of lieutenants	6,441.90	792.80	324.11		7,558.81	1.76	3,660.17
Pay of lieutenants (junior grade)	8,715.18	987.60	500.09		10,202.87	3.28	2,657.06
Chief boatswains	48,305.49	4,324.00	2,271.33		54,900.82	18.39	2,626.72
Chief gunners—							
Pay of lieutenants	11,966.01	1,551.20	658.41		14,175.62	3.34	3,582.63
Pay of lieutenants (junior grade)	6,018.98	534.80	284.50		6,838.28	2.12	2,839.14
Chief gunners	80,358.65	7,625.88	3,815.55		91,800.08	30.75	2,613.29
Chief machinists	34,577.49	3,694.20	1,898.37		40,170.06	13.23	2,613.56
Chief carpenters, pay of lieutenants (junior grade)	5,388.34	594.40	291.18		6,273.92	2.07	2,603.06
Chief carpenters	31,860.99	3,576.80	1,845.56		37,283.35	12.95	2,460.30
Chief pharmacists, pay of lieutenants (junior grade)	9,241.11	984.00	514.14		10,739.25	3.46	2,670.81
Chief pharmacists	159,076.45	14,382.55	6,985.36		180,444.36	61.11	2,619.48
Chief pay clerks	34,951.10	3,622.40	1,943.25		40,516.75	13.43	2,602.46
Total	436,901.69	42,670.63	21,331.85		500,904.17	165.89	
WARRANT OFFICERS.							
Boatswains	552,070.22	58,961.39	31,605.14		642,636.75	235.16	2,347.63
Gunners	910,779.42	98,112.34	50,356.56	$60.00	1,059,308.32	397.69	2,290.17
Machinists	461,314.74	49,230.50	25,604.36		536,149.60	201.41	2,290.42
Carpenters	209,637.10	23,704.69	11,850.82		245,192.61	94.73	2,212.99
Pharmacists	157,572.67	18,239.14	8,892.46		184,704.27	72.36	2,177.62

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Pay clerks	73,149.34	8,051.63	4,282.22		85,483.19	32.94	2,220.68
Acting pay clerks	262,654.37	29,214.76	14,799.15		306,668.28	120.19	2,185.33
Total	2,627,177.86	285,514.45	147,390.71	60.00	3,060,143.02	1,154.48	
First leader of Naval Academy band	3,360.00				3,360.00	1	3,360.00
Midshipmen	1,639,910.12			2,940.00	1,642,850.12	2,209.1	720.00
NURSE CORPS.							
Superintendent nurse	2,400.00	248.00	116.50		2,764.50	1	2,400.00
Nurses	379,624.29	7,819.65	3,484.04	360.00	391,287.98	375.24	1,011.68
Total	382,024.29	8,067.65	3,600.54	360.00	394,052.48	376.24	
ENLISTED RATINGS.							
Chief petty officers with permanent appointments and mates	15,091,023.60	432.00		705,003.49	15,796,459.09	8,893.81	1,696.80
Chief petty officers with acting appointments	4,337,696.91			118,139.62	4,455,836.53	3,228.62	1,343.49
Petty officers:							
First class	13,044,605.18			372,188.22	13,416,793.40	11,816.05	1,103.97
Second class	8,370,961.70			114,812.66	8,485,774.36	9,320.69	899.17
Third class	6,564,952.46			61,460.91	6,626,413.37	9,095.79	721.75
Nonrated men:							
First class (except firemen, first class)	9,048,185.84			66,478.14	9,114,663.98	13,243.58	683.21
Second class (except firemen, second class)	12,756,372.57			29,404.35	12,785,776.92	22,113.57	576.85
Third class (except firemen, third class)	4,279,709.31			7,524.44	4,287,233.75	10,831.04	396.63
Firemen:							
First class	2,869,393.01			23,867.66	2,893,260.67	3,899.05	730.92
Second class	3,537,074.45			15,639.83	3,552,714.25	5,388.18	660.44
Third class	7,008,343.63			6,628.64	7,014,972.27	12,037.44	582.13
Cabin stewards and cabin cooks	926,298.34			46,300.90	972,599.24	867.45	1,067.84
Wardroom stewards and wardroom cooks	598,515.82			23,482.94	621,998.76	637.56	938.76
Steerage stewards and steerage cooks	134,223.42			4,332.00	138,555.42	153.96	871.80
Warrant officers, stewards, and warrant officers' cooks	162,627.79			7,605.65	170,233.44	219.65	740.39
Mess attendants:							
First class	849,243.15			12,352.93	861,596.08	1,610.69	527.25
Second class	564,216.61			2,881.39	567,098.00	1,269.89	444.31
Third class	633,855.29			1,456.77	635,312.06	1,489.53	426.21
Total	90,777,299.08	432.00		1,619,560.54	92,397,291.62	116,216.55	
NAVAL ACADEMY BAND.							
Second leader:							
Permanent appointment	1,670.95				1,670.95	.96	1,740.57
Acting appointment	3,978.27				3,978.27	2.29	1,737.23
Drum major	1,216.92				1,216.92	1.00	1,216.92
Musicians:							
First class	39,029.05				39,029.05	39.11	997.93
Second class	20,099.70				20,099.70	26.27	765.12
Total	65,994.89				65,994.89	69.63	

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Analysis of pay of the Navy by ranks and ratings (fiscal year ending June 30, 1921)—Continued.

REGULAR ACTIVE—Continued.

Corps.	Pay.	Quarters.	Heat and light.	Honorable-discharge gratuities.	Total.	Number of men in grade.	Average pay per year.
INSULAR FORCE.							
Native coxswains	$49,668.76			$2,355.60	$52,024.36	97.66	$508.58
Native seamen	69,668.50			1,102.68	70,771.18	166.14	419.33
Native ordinary seamen	56,022.70			837.48	56,860.18	159.01	352.32
Native machinists:							
First class	30,440.21			1,108.24	31,548.45	46.29	657.59
Second class	25,132.23			1,137.84	26,270.07	43.41	578.95
Native firemen							
First class	37,995.07			1,856.16	39,851.23	71.99	527.78
Second class	26,648.81			389.96	27,038.77	58.05	459.06
Third class	33,949.63			120.00	34,069.63	93.14	364.50
Native stewards	1,748.69				1,748.69	3.37	518.90
Native cooks	2,405.16				2,405.16	4.51	533.29
Native mess attendants	11,486.72				11,486.72	25.75	446.09
Total	345,166.48			8,907.96	354,074.44	769.32	
MISCELLANEOUS CREDITS CHARGED TO PAY OF THE NAVY.							
Purchase of discharge or furlough, Navy	16,892.78				16,892.78		
Sale of D. M. & D. effects	12,278.51				12,278.51		
Tailor, barber, shoemaker, etc	64,766.69				64,766.69		
Back pay and allowances	721,858.57				721,858.57		
Total	815,796.55				815,796.55		
War bonus credited on discharge	690,000.00				690,000.00		
Increase in pay, act May 18, 1920	288,778.24				288,778.24		
RECAPITULATION.							
OFFICERS.							
Line and Flying Corps	19,165,491.56	2,330,647.20	914,828.84	180.00	22,411,147.60	5,198	
Medical Corps	3,386,151.89	450,253.06	142,567.88	60.00	3,979,032.83	870.8	
Dental Corps	446,410.57	64,437.82	22,343.67		533,192.06	127.5	
Supply Corps	2,425,236.64	305,001.60	106,105.74	180.00	2,836,523.98	641.58	
Corps of Chaplains	271,026.36	31,134.85	10,778.14		312,939.35	77.72	
Corps of Professors of Mathematics	52,902.17	6,123.60	1,649.89		60,675.66	10.44	

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Construction Corps	1,014,363.97	132,424.54	47,087.74		1,193,876.25	250.44	
Civil Engineer Corps	324,972.41	38,849.34	11,482.84		375,305.09	79.42	
Total	27,086,555.57	3,358,872.51	1,256,844.74	420.00	31,702,692.82	7,255.9	
WARRANT OFFICERS.							
Chief warrant officers	436,901.69	42,670.63	21,331.85		500,904.17	165.89	
Warrants	2,627,177.86	285,514.45	147,390.71	60.00	3,060,143.02	1,154.48	
Total	3,064,079.55	320,105.08	168,722.56	60.00	3,561,047.19	1,320.37	
Midshipmen	1,639,910.12			2,940.00	1,642,850.12	2,209.1	
First leader Naval Academy band	3,360.00				3,360.00	1	
Nurses	382,024.29	8,067.65	3,600.54	360.00	394,052.48	376.24	
Enlisted force	90,777,299.08	432.00		1,619,560.54	92,397,291.62	116,216.55	
Naval Academy band	65,994.89				65,994.89	69.63	
Insular force	345,166.48			8,907.96	354,074.44	769.32	
Total	91,188,460.45	432.00		1,628,468.50	92,817,360.95	117,055.5	
Miscellaneous credits	815,796.55				815,796.55		
War bonus credited on discharge	690,000.00				690,000.00		
Increase pay, act May 18, 1920	288,778.44				288,778.44		

RETIRED.

LINE AND FLYING CORPS.							
Rear admirals upper half	532,766.62	3,078.00	695.30		536,539.92	87.13	6,114.61
Rear admirals lower half	142,462.50				142,462.50	30.91	4,608.94
Commodores	138,860.74	1,044.00	220.96		140,125.70	30.46	4,558.75
Captains	195,976.90	2,866.00	546.84		199,389.74	50.67	3,867.71
Commanders	320,704.80	5,170.80	1,730.06		327,605.66	91.75	3,495.42
Lieutenant commanders	294,198.92	5,146.40	1,576.34		300,921.66	97.53	3,016.69
Lieutenants	196,966.04	1,128.00	445.15		198,539.19	89.38	2,203.69
Lieutenants (junior grade)	88,623.36	883.20	420.05		89,928.61	48.72	1,819.01
Ensigns	44,554.70	450.40	257.25		45,262.35	31.65	1,407.73
Total	1,955,114.58	19,766.80	5,891.95		1,980,773.33	558.3	
MEDICAL CORPS.							
Rear admirals upper half	7,933.33				7,933.33	14	5,666.66
Rear admirals lower half	25,812.50				25,812.50	5.73	4,504.79
Commodores	25,368.05				25,368.05	6.13	4,138.34
Captains	66,593.75				66,593.75	17.75	3,751.76
Commanders	31,481.25				31,481.25	9.32	3,377.81

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Analysis of pay of the Navy by ranks and ratings (fiscal year ending June 30, 1921)—Continued.

RETIRED—Continued.

Corps.	Pay.	Quarters.	Heat and light.	Honorable-discharge gratuities.	Total.	Number of men in grade.	Average pay per year.
MEDICAL CORPS—continued.							
Lieutenant commanders	$59,331.25				$59,331.25	20.08	$2,954.74
Lieutenants	55,010.28	$129.60	$37.15		55,177.03	25.67	2,142.98
Lieutenants (junior grade)	12,214.54				12,214.54	7.66	1,594.58
Total	283,744.95	129.60	37.15		283,911.70	106.36	
DENTAL CORPS.							
Lieutenant commanders	2,925.00				2,925.00	1	2,925.00
Lieutenants	1,340.00				1,340.00	.74	1,810.81
Total	4,265.00				4,265.00	1.74	
ENGINEER CORPS (RETIRED LIST).							
Rear admirals, engineers in chief	7,125.00				7,125.00	1.58	4,509.49
Rear admirals	6,000.00				6,000.00	1.33	4,511.27
Commanders	3,375.00				3,375.00	1	3,375.00
Lieutenant commanders	13,700.00				13,700.00	4.66	2,939.91
Lieutenants	14,681.00				14,681.00	6.64	2,210.99
Lieutenants (j. g.)	15,575.00				15,575.00	9.08	1,715.30
Ensigns	4,432.50				4,432.50	2.41	1,839.21
Total	64,888.50				64,888.50	26.7	
SUPPLY CORPS.							
Rear admirals, paymasters general	8,783.34				8,783.34	1.6	5,489.26
Rear admiral, upper half	12,200.00				12,200.00	2.03	6,009.85
Rear admiral, lower half	23,250.00				23,250.00	5.16	4,505.81
Commodores	13,910.39	22.00	2.78		13,935.17	3.09	4,501.74
Captains	32,505.13				32,505.13	8.66	3,753.48
Commanders	6,750.00				6,750.00	2	3,375.00
Lieutenant commanders	35,554.37				35,554.37	12.35	2,870.72
Lieutenants	14,764.11	257.60	86.07		15,107.78	6.48	2,278.41
Lieutenants (j. g.)	8,957.50				8,957.50	4.15	2,158.43
Ensigns	5,669.19				5,669.19	3.66	1,549.15
Total	162,344.03	279.60	88.85		162,712.48	49.18	

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CORPS OF CHAPLAINS.							
Rear admirals, lower half	7,612.50				7,612.50	1.66	4,585.84
Captains	17,371.45	432.00	158.90		17,962.35	4.17	4,165.91
Commanders	2,812.50				2,812.50	.83	3,388.55
Lieutenant commanders	1,663.00	54.00	23.71		1,740.71	.4	4,157.50
Lieutenants	2,002.50				2,002.50	1.16	1,726.29
Total	31,461.95	486.00	182.61		32,130.56	8.22	
CORPS OF PROFESSORS OF MATHEMATICS.							
Rear admirals, lower half	14,062.51	22.40	1.72		14,086.63	3.11	4,521.7
Captains	11,250.00				11,250.00	3	3,750.00
Commanders	9,991.46	55.20	19.78		10,066.44	2.84	3,518.12
Total	35,303.97	77.60	21.50		35,403.07	8.95	
CONSTRUCTION CORPS.							
Rear admirals, lower half	5,623.00	1,011.60	314.99		6,949.59	1	5,623.00
Captains	7,632.20				7,632.20	2.16	3,533.42
Commanders	3,234.48				3,234.48	.96	3,358.73
Lieutenant commanders	1,687.50				1,687.50	.75	2,250.00
Lieutenants	7,551.00				7,551.00	3.3	2,288.18
Lieutenants (j. g.)	4,000.00				4,000.00	1.93	2,072.54
Total	29,728.08	1,011.60	314.99		31,054.67	10.1	
CIVIL ENGINEERS CORPS.							
Rear admirals, lower half	9,000.00				9,000.00	2	1,500.00
Captains	11,250.00				11,250.00	3	3,750.00
Commanders	1,903.08				1,903.08	.57	3,338.59
Lieutenant commanders	2,925.00				2,925.00	1	2,925.00
Lieutenants	2,160.00				2,160.00	1	2,160.00
Lieutenants (j. g.)	524.97				524.97	.25	2,099.88
Total	17,638.05				17,638.05	7.82	
CHIEF WARRANT OFFICERS (ENSIGNS).							
Chief boatswains, pay of lieutenant	14,744.33				14,744.33	6.41	2,300.20
Chief boatswains, pay of lieutenant (junior grade)	23,798.75				23,798.75	11.41	2,085.78
Chief boatswains	33,477.42				33,477.42	19	1,761.97
Chief gunners, pay of lieutenant	20,248.50				20,248.50	8.18	2,475.36
Chief gunners, pay of lieutenant (junior grade)	4,725.00				4,725.00	2.25	2,100.00
Chief gunners	13,320.40				13,320.40	7.75	1,718.76
Chief machinists, pay of lieutenant	5,418.65				5,418.65	2.79	1,942.17
Chief machinists, pay of lieutenant (junior grade)	28,109.38				28,109.38	13.75	2,044.31
Chief machinists	34,253.03				34,253.03	20.86	1,656.42

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Analysis of pay of the Navy by ranks and ratings (fiscal year ending June 30, 1921)—Continued.

RETIRED—Continued.

Corps.	Pay.	Quarters.	Heat and light.	Honorable-discharge gratuities.	Total.	Number of men in grade.	Average pay per year.
CHIEF WARRANT OFFICERS—continued.							
Chief carpenters, pay of lieutenant	$15,570.00				$15,570.00	6.25	$2,491.20
Chief carpenters, pay of lieutenant (junior grade)	7,663.33				7,663.33	3.66	2,093.80
Chief carpenters	9,196.14				9,196.14	5.58	1,648.05
Chief pharmacists, pay of lieutenant (junior grade)	3,686.67				3,686.67	1.75	2,106.67
Chief pharmacists	10,358.39				10,358.39	5.55	1,866.37
Chief sailmakers, pay of lieutenant	7,560.00				7,560.00	3	2,520.00
Chief sailmakers, pay of lieutenant (junior grade)	1,495.00				1,495.00	.76	1,967.10
Chief sailmakers	2,240.00				2,240.00	1.23	1,821.14
Chief pay clerks, pay of lieutenant	2,870.62				2,870.62	1.25	2,296.49
Chief pay clerks	17,780.67				17,780.67	10.98	1,619.37
Total	256,516.28				256,516.28	142.41	
WARRANT OFFICERS.							
Boatswains	18,463.71				18,463.71	10.94	1,687.72
Gunners	23,835.62				23,835.62	15.25	1,562.92
Machinists	37,780.00	$83.20	$47.97		37,911.17	24.63	1,533.90
Carpenters	7,648.30				7,648.30	4.68	1,634.25
Pharmacists	20,693.81				20,693.81	12.46	1,660.82
Pay clerks	27,891.88				27,891.88	16.88	1,652.36
Acting pay clerks	6,606.07				6,606.07	4.6	1,436.10
Total	142,919.39	83.20	47.97		143,050.56	89.44	
MATES.							
Mates in service Aug. 1, 1894	3,726.09				3,726.09	2.83	1,316.64
Mates in service since Aug. 1, 1894	1,687.44				1,687.44	1	1,687.44
Total	5,413.53				5,413.53	3.83	
Nurses	864.00				864.00	.75	1,052.00
ENLISTED RATINGS.							
Chief petty officers with permanent appointments	309,172.58			$1,821.84	310,994.42	274.21	1,127.50
Chief petty officers with acting appointments	106,427.09			452.44	106,879.53	111.17	957.24

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Petty officers:							
First class	85,064.06				85,064.06	107.08	794.39
Second class	12,737.32				12,737.32	18.48	689.25
Third class	5,308.55				5,308.55	8.68	611.58
Nonrated men:							
First class except firemen, first class	12,662.50				12,662.50	20.08	630.60
Second class except firemen, second class	190.80				190.80	.31	615.48
Firemen:							
First class	3,889.68				3,889.68	6.17	630.41
Second class	91.80				91.80	.14	655.71
Third class	490.00				490.00	.83	590.36
Cabin stewards and cabin cooks	18,666.70				18,666.70	21.61	863.79
Wardroom stewards and wardroom cooks	7,370.40				7,370.40	9.00	818.93
Steerage stewards and steerage cooks	688.96				688.96	1.025	672.15
Warrant officers' stewards and warrant officers' cooks	657.20				657.20	.975	674.05
Mess attendants, first class	817.91				817.91	1.35	605.85
Total	564,235.55			2,274.28	566,509.83	581.11	
Back pay and allowances	2,321.69				2,321.69		
RECAPITULATION.							
OFFICERS.							
Line and flying corps	1,955,114.58	19,766.80	5,891.95		1,980,773.33	558.3	
Medical Corps	283,744.95	129.60	37.15		283,911.70	106.36	
Dental Corps	4,265.00				4,265.00	1.74	
Engineer Corps (retired list)	64,888.50				64,888.50	26.7	
Supply Corps	162,344.03	279.60	88.85		162,712.48	49.18	
Corps of Chaplains	31,461.95	486.00	182.61		32,130.56	8.22	
Corps of Professors of Mathematics	35,303.97	77.60	21.50		35,403.07	8.95	
Construction Corps	29,728.08	1,011.60	314.99		31,054.67	10.1	
Civil Engineer Corps	17,638.05				17,638.05	7.82	
Total	2,584,489.11	21,751.20	6,537.05		2,612,777.36	777.37	
WARRANT OFFICERS.							
Chief warrant officers	256,516.28				256,516.28	142.41	
Warrants	142,919.39	83.20	47.97		143,050.56	89.44	
Total	399,435.67	83.20	47.97		399,566.84	231.85	
Mates	5,413.53				5,413.53	3.83	
Nurses	864.00				964.00	.75	
Enlisted ratings	564,235.55			2,274.28	566,509.83	581.11	
Grand total	3,554,437.86	21,834.40	6,585.02	2,274.28	3,585,131.56	1,594.91	

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Analysis of pay of the Navy by ranks and ratings (fiscal year ending June 30, 1921)—Continued.

FLYING CORPS.

Corps.	Pay.	Quarters.	Heat and light.	Honorable-discharge gratuities.	Total.	Number of men in grade.	Average pay per year.
Chief petty officers with permanent appointments, and mates	$372,174.54			$7,717.96	$379,892.50	201.77	$1,844.54
Chief petty officers with acting appointments	134,939.77			1,095.12	136,034.89	104.88	1,200.79
Petty officers:							
First class	269,139.56			3,266.92	272,406.48	237.31	1,134.12
Second class	432,663.34			1,069.40	433,732.74	482.19	897.28
Third class	310,655.24			360.00	311,015.24	351.24	884.45
Nonrated men:							
First class, except firemen, first class	44,949.66				44,939.66	67.21	668.64
Second class, except firemen, second class	43,927.23				43,927.23	76.6	573.45
Third class, except firemen, third class	27,235.32			36.40	27,271.72	59.22	459.90
Firemen:							
First class	3,416.21				3,416.21	4.48	762.55
Second class	4,402.80				4,402.80	6.7	657.13
Third class	6,729.55				6,729.55	11.49	585.68
Cabin stewards and cabin cooks	4,457.72				4,457.72	3.6	1,238.25
Wardroom stewards and wardroom cooks	8,424.32				8,424.32	8.76	961.68
Steerage stewards and steerage cooks	516.63				516.63	.56	922.55
Warrant officers' stewards and warrant officers' cooks	2,539.45				2,539.45	3.2	793.57
Mess attendants:							
First class	13,610.77				13,610.77	26.01	523.29
Second class	6,798.54				6,798.54	15.38	442.03
Third class	15,943.14				15,943.14	37.05	430.31
Total	1,702,513.79			13,545.80	1,716,059.59	1,697.65	
MISCELLANEOUS CREDITS CHARGED TO PAY OF THE NAVY.							
Sale of D. M. and D effects	3.60				3.60		
Tailor, barber, shoemaker, etc	3,437.57				3,437.57		
Back pay and allowances	19,093.46				19,093.46		
Total	22,534.63				22,534.63		
Discharge bonus	2,940.00				2 940.00		

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LINE AND FLYING CORPS.							
Captains	$20,966.71	$3,340.40	$1,029.57	.....	$25,336.68	$3.75	$5,564.45
Commanders	139,516.68	24,031.75	7,523.02	.....	171,071.45	30.76	4,535.65
Lieutenant commanders	353,834.25	52,756.01	16,803.78	.....	423,394.04	83.65	4,229.93
Lieutenants	748,332.83	111,874.45	40,174.01	.....	900,381.29	219.31	3,412.21
Lieutenants (junior grade)	705,794.34	86,640.15	35,749.16	.....	828,183.65	250.67	2,815.63
Ensigns	468,618.04	38,399.49	19,511.88	.....	526,529.41	204.32	2,293.55
Total	2,437,062.85	317,042.25	120,791.42	.....	2,874,896.52	792.46	.....
MEDICAL CORPS.							
Commanders	4,609.17	712.80	120.79	.....	5,442.76	.9	5,121.30
Lieutenant commanders	34,979.65	5,103.05	1,706.13	$60.00	41,848.83	8.25	4,239.95
Lieutenants	219,382.24	34,897.77	11,898.94	60.00	266,238.95	68.36	3,209.22
Lieutenants (junior grade)	9,177.45	1,113.60	430.90	.....	10,721.95	3.26	2,815.17
Total	268,148.51	41,827.42	14,156.76	120.00	324,252.49	80.77	.....
DENTAL CORPS.							
Lieutenants	51,175.33	7,353.60	2,468.18	60.00	61,057.11	16.21	3,157.02
Lieutenants (junior grade)	1,236.12	33.60	12.00	.....	1,281.72	.46	2,687.21
Total	52,411.45	7,387.20	2,480.18	60.00	62,338.83	16.67	.....
SUPPLY CORPS.							
Commanders	6,798.53	1,243.20	305.10	.....	8,346.83	1.52	4,472.71
Lieutenant commanders	4,741.00	704.00	241.87	.....	5,686.87	.97	4,887.63
Lieutenants	25,558.52	3,717.40	1,203.89	.....	30,479.81	7.44	3,435.28
Lieutenants (junior grade)	11,457.75	1,115.20	474.71	.....	13,047.66	4	2,864.43
Ensigns	19,691.78	1,475.49	632.80	.....	21,800.07	8.51	2,313.35
Total	68,247.58	8,255.29	2,858.37	.....	79,361.24	22.44	.....
CORPS OF CHAPLAINS.							
Commanders	4,100.01	811.20	199.12	.....	5,110.33	1	4,100.01
Lieutenant commanders	14,540.24	2,284.00	557.04	.....	17,381.28	3.61	4,027.76
Lieutenants	28,923.31	4,052.40	1,377.90	.....	34,353.61	9.21	3,140.42
Lieutenants (junior grade)	194.43	14.40	6.72	.....	215.55	.06	3,240.50
Total	47,757.99	7,162.00	2,140.78	.....	57,060.77	13.88	.....

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Analysis of pay of the Navy by ranks and ratings (fiscal year ending June 30, 1821)—Continued.

RESERVES—Continued.

Corps.	Pay.	Quarters.	Heat and light.	Honorable-discharge gratuities.	Total.	Number of men in grade.	Average pay per year.
CONSTRUCTION CORPS.							
Lieutenant commanders	$8,695.00	$1,382.00	$389.27		$10,466.27	2.18	$3,988.53
Lieutenants	22,318.00	3,945.60	1,254.98		27,518.58	7.17	3,112.69
Lieutenants (junior grade)	16,627.88	2,737.14	971.78		20,336.80	6.21	2,677.59
Total	47,640.88	8,064.74	2,616.03		58,321.65	15.56	
CIVIL ENGINEER CORPS.							
Commanders	16,400.00	2,563.20	500.29		19,463.49	4	4,100.00
Lieutenant commanders	11,733.32	2,196.00	635.45		14,564.77	3.05	3,846.99
Lieutenants	31,707.87	5,048.73	1,725.36		38,481.96	10	3,170.78
Lieutenants (junior grade)	17,887.10	2,713.60	835.39		21,436.09	6.37	2,823.87
Ensigns	7,147.15	762.00	350.92		8,260.07	2.8	2,552.55
Total	84,875.44	13,283.53	4,047.41		102,206.38	26.22	
Extra pay:							
Aids to rear admirals	1,238.67				1,238.67		
Aviation duty	181,525.40				181,525.40		
CHIEF WARRANT OFFICERS.							
Ensigns:							
Chief boatswains, pay of lieutenant (junior grade)	462.95	48.80	19.62		531.37	.175	2,645.43
Chief boatswains	3,081.77	112.80	58.96		3,253.53	1.31	2,357.07
Chief gunners	8,196.85	1,055.20	586.35		9,838.40	3.62	2,264.31
Chief machinists	3,517.97	399.20	178.02		4,095.19	1.38	2,549.25
Chief carpenters, pay of lieutenant (junior grade)	700.00	72.00	28.95		800.95	.25	2,800.00
Chief carpenters	7,164.73	574.40	295.89		8,035.02	3.02	2,372.42
Chief pharmacists, pay of lieutenant (junior grade)	2,160.16	219.20	117.07		2,496.43	.76	2,842.32
Chief pay clerks	15,859.86	1,468.75	878.04		18,206.65	7.01	2,262.46
Total	41,144.29	3,950.35	2,162.90		47,257.54	17.525	
WARRANTS.							
Boatswains	16,649.96	1,770.76	932.63		19,353.35	8.42	1,977.43
Gunners	10,467.98	1,292.36	481.95		12,242.29	5.07	2,064.69
Machinists	12,660.33	1,248.75	769.79		14,678.87	6.93	1,826.88
Carpenters	3,953.45	504.00	248.58		4,706.03	1.79	2,208.63

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Pharmacists	1,192.94				1,192.94	.55	2,168.98
Pay clerks	34,678.08	4,338.00	2,153.17		41,169.25	18.17	1,908.53
Total	79,602.74	9,153.87	4,586.12		93,342.73	40.93	
Nurses	54,777.69	238.40	138.96	$60.00	55,215.05	60.2	909.92
ENLISTED RATINGS.							
Chief petty officers with permanent appointments	504,074.66			13,688.23	517,762.89	305.05	1,652.43
Chief petty officers with acting appointments	288,445.79			1,672.39	290,118.18	229.46	1,257.06
Petty officers:							
First class	480,138.95			9,494.38	489,633.33	452.92	1,060.09
Second class	265,620.96			2,600.24	268,221.20	300.83	882.96
Third class	154,083.40			930.00	155,013.40	209.38	735.90
First class, except firemen, first class	195,459.45			642.46	196,101.91	292.79	667.58
Second class, except firemen, second class	306,394.42			674.40	307,068.82	519.11	589.45
Third class, except firemen, third class	118,804.04			1,854.40	120,658.44	300.00	396.00
Firemen:							
First class	59,229.48			279.00	59,508.48	793.80	746.15
Second class	72,342.59			208.00	72,550.59	110.21	656.40
Third class	106,944.50			478.40	107,422.90	182.47	586.09
Cabin stewards and cabin cooks	19,305.98				19,305.98	16.19	1,192.33
Wardroom stewards and wardroom cooks	9,703.12				9,703.12	10.96	885.32
Steerage stewards and steerage cooks	1,977.72				1,977.72	2.22	891.13
Warrant officers' stewards and warrant officers' cooks	1,865.59			8.00	1,873.59	2.42	770.90
Mess attendants:							
First class	12,856.33			174.00	13,030.33	25.08	512.61
Second class	8,279.28			30.00	8,309.28	18.76	441.32
Third class	8,895.73			30.00	8,925.73	22.48	395.71
Total	2,614,421.99			32,763.90	2,647,185.89	3,794.13	
MISCELLANEOUS CREDITS.							
Sale of D. M. and D. effects	81.34				81.34		
Tailor, barber, and shoemaker, etc	275.96				275.96		
Back pay and allowances	16,436.94				16,436.94		
Total	16,794.24				16,794.24		
Discharge bonus	120,000.00				120,000.00		
Increase pay, act of May 18, 1920	12,400.76				12,400.76		
RECAPITULATION.							
OFFICERS.							
Line and flying corps	2,437,062.85	317,042.25	120,791.42		2,874,896.52	792.46	
Medical corps	268,148.51	41,827.22	14,156.76	120.00	324,252.49	80.77	
Dental corps	52,411.45	7,387.20	2,480.18	60.00	62,338.83	16.67	

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Analysis of pay of the Navy by ranks and ratings (fiscal year ending June 30, 1921)—Continued.

RESERVES—Continued.

Corps.	Pay.	Quarters.	Heat and light.	Honorable-discharge gratuities	Total.	Number of men in grade.	Average pay per year.
RECAPITULATION—Continued.							
OFFICERS—continued.							
Supply corps	$68,247.58	$8,255.29	$2,858.37		$79,361.24	22.44	
Corps of chaplains	47,757.99	7,162.00	2,140.78		57,060.77	13.88	
Construction corps	47,640.88	8,064.74	2,616.03		58,321.65	15.56	
Civil engineer corps	84,875.44	13,283.53	4,047.41		102,206.38	26.22	
Total	3,006,144.70	403,022.23	149,090.95	$180.00	3,558,437.88	968	
WARRANT OFFICERS.							
Chief warrant officers	41,144.29	3,950.35	2,162.90		47,257.54	17.525	
Warrants	79,602.74	9,153.87	4,586.12		93,342.73	40.93	
Total	120,747.03	13,104.22	6,749.02		140,600.27	58.455	
Nurses	54,777.69	238.40	138.96	60.00	55,215.05	60.2	
Enlisted ratings	2,614,421.99			32,763.90	2,647,185.89	3,794.13	
Miscellaneous credits	16,794.24				16,794.24		
Discharge bonus	120,000.00				120,000.00		
Increase pay, act May 18, 1920	12,400.76				12,400.76		
Grand total	5,945,286.41	416,364.85	155,978.93	33,003.90	6,550,634.19	48,779.85	

PRISONERS.

Chief petty officers with permanent appointments	402.00				402.00	.28	$1,578.57
Chief petty officers with acting appointments	305.26				305.26	.23	1,327.21
Petty officers:							
First class	9,685.38				9,685.38	8.21	1,179.70
Second class	6,752.99				6,752.99	7.63	885.03
Third class	5,958.18				5,958.18	8.03	740.74
Nonrated men:							
First class, except firemen, first class	103,503.23				103,503.23	153.12	675.96
Second class, except firemen, second class	226,365.19				226,365.19	383.44	590.35
Third class, except firemen, third class	104,300.22				104,300.22	265.32	396.88

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Firemen:							
First class	22,542.26				22,542.26	30.59	736.91
Second class	44,566.89				44,566.89	68.39	651.65
Third class	140,813.73				140,813.73	242.1	581.63
Wardroom stewards and wardroom cooks	1,300.88				1,300.88	1.34	970.81
Warrant officers' stewards and warrant officers' cooks	342.00				342.00	.47	727.66
Mess attendants:							
First class	3,826.62				3,826.62	7.15	535.19
Second class	2,485.85				2,485.85	5.37	462.91
Third class	17,669.23				17,669.23	41.92	421.50
Total	689,819.91				689,819.91	1,223.66	
INSULAR FORCE.							
Native seamen	88.36				88.36	.26	339.85
Native ordinary seamen	81.47				81.47	.26	313.34
Total	169.83				169.83	.52	
Back pay and allowances	226.56				226.56		
Grand total	690,216.30				690,216.30	1,224.18	

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Table 50.—EMPLOYEES IN PRINCIPAL NAVY YARDS IN THE UNITED STATES.

NUMBER, TOTAL PAY, AND AVERAGE PAY, AS OF DATE JULY 1, 1921.

Navy yards.	Employees in Group I (unskilled labor).			Employees in Group II (partially skilled labor).			Employees in Group III (artisans).			Total number employees, Groups I, II, and III.		
	Number.	Total daily pay roll.	Average pay.	Number.	Total daily Pay roll.	Average pay.	Number.	Total daily pay roll.	Average pay.	Number.	Total daily pay roll.	Average pay.
Portsmouth, N. H.	184	$703.44	$3.82	794	$3,551.84	$4.47	1,435	$9,093.20	$6.34	2,413	$13,348.48	$5.53
Boston, Mass.	696	2,672.64	3.84	1,057	4,720.16	4.47	2,266	14,191.28	6.26	4,019	21,584.08	5.37
Newport, R. I.	205	786.32	3.84	404	1,780.00	4.41	1,215	7,839.76	6.45	1,824	10,406.08	5.71
New York, N. Y.	924	3,542.88	3.83	2,394	10,804.16	4.51	4,990	31,534.72	6.32	8,308	45,881.76	5.52
Philadelphia, Pa.	727	2,790.24	3.84	1,987	8,696.88	4.38	3,455	21,425.92	6.20	6,169	32,913.04	5.33
Washington, D. C.	908	3,481.20	3.83	1,531	6,736.00	4.40	4,241	27,910.56	6.58	6,680	38,127.76	5.71
Norfolk, Va.	1,026	3,937.36	3.84	1,587	6,978.32	4.40	2,738	17,369.28	6.34	5,351	28,284.96	5.29
Charleston, S. C.	329	999.68	3.04	501	2,012.16	4.02	762	4,766.40	6.26	1,592	7,778.24	4.89
Mare Island, Calif.	829	3,619.20	4.37	2,840	13,226.80	4.66	3,850	24,910.56	6.47	7,519	41,756.56	5.55
Puget Sound, Wash.	449	1,962.72	4.37	1,281	6,146.16	4.80	1,952	12,547.52	6.43	3,682	20,656.40	5.61
Total	6,277	24,495.68	.....	14,376	64,652.48	.....	26,904	171,589.20	.....	47,557	260,737.36	.....
Average pay	.....	.....	3.90	.....	.....	4.50	.....	.....	6.38	.....	.....	5.48

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Table 51.—CLERICAL FORCE (CLASSIFIED EMPLOYEES) OF THE NAVAL ESTABLISHMENT, FISCAL YEARS 1920 AND 1921.

Authorizing act.	Appropriation title.	Number.	
		1920	1921
Naval	Pay, miscellaneous	271	538
Do	Construction and repair of vessels	2,123	1,644
Do	Engineering	1,255	1,155
Do	Ordnance and ordnance stores	1,143	1,031
Do	Maintenance, Bureau of Supplies and Accounts	4,060	2,781
Do	Maintenance, Bureau of Yards and Docks	762	618
Do	Pay, reservists transferred	4,238	.....
Do	Aviation, Navy	165	166
Do	Medical Department, United States Navy	.....	93
Do	Maintenance, naval training station, Rhode Island	3	7
Do	Maintenance, Naval War College, Rhode Island	30	28
Do	Maintenance, naval training station, Hampton Roads	.....	6
Do	Maintenance, naval training station, Great Lakes	4	18
Total		14,054	8,085

Table 52.—CLERICAL FORCE, NAVY DEPARTMENT, FISCAL YEARS 1920 AND 1921.

Authorizing act.	Appropriation title.	Number.	
		1920	1921
Legislative, executive, and judicial	Various regular salary appropriations	535	699
Do	Salaries, additional employees (lump sum)	618	1,017
Do	Salaries, naval records of war with Central Powers of Europe	14	13
Naval	Salaries and expenses, Naval Service statements, Bureau of Navigation	.....	141
Do	Pay, reservists transferred	1,109	.....
Do	Construction and repair of vessels	114	90
Do	Engineering	78	64
Do	Ordnance and ordnance stores	33	19
Do	Maintenance, Bureau of Yards and Docks	119	69
Total		2,620	2,112

Table 53.—ENLISTED STRENGTH AS FIXED BY LAW, MARCH 3, 1885, TO JULY 11, 1919.

Act of—	
Mar. 3, 1885 (48th Cong., 2d sess.)	8,250
July 26, 1886 (49th Cong., 1st sess.)	8,250
Mar. 3, 1887 (49th Cong., 2d sess.)	8,250
Sept. 7, 1888 (50th Cong., 1st sess.)	8,250
Mar. 2, 1889 (50th Cong., 2d sess.)	8,250
June 30, 1890 (51st Cong., 1st sess.)	8,250
Mar. 2, 1891 (51st Cong., 2d sess.)	8,250
July 19, 1892 (52d Cong., 1st sess.)	8,250
Mar. 3, 1893 (52d Cong., 2d sess.)	9,000
July 26, 1894 (53d Cong., 2d sess.)	9,000
Mar. 2, 1895 (53d Cong., 3d sess.)	9,000
June 10, 1896 (54th Cong., 1st sess.)	10,000
Mar. 3, 1897 (55th Cong., 1st sess.)	11,750
May 4, 1898 [1] (55th Cong., 2d sess.)	13,750
Mar. 3, 1899 (55th Cong., 3d sess.)	20,000
June 7, 1900 (56th Cong., 1st sess.)	20,000
Mar. 3, 1901 (56th Cong., 2d sess.)	25,050
July 1, 1902 (57th Cong., 1st sess.)	28,000
Mar. 3, 1903 (57th Cong., 2d sess.)	31,000
Apr. 27, 1904 (58th Cong., 2d sess.)	34,000
Mar. 3, 1905 (58th Cong., 3d sess.)	37,000
June 29, 1906 (59th Cong., 1st sess.)	37,000

[1] Under act of May 4, 1898, the Secretary of the Navy was authoried to enlist as many seamen, landsmen, and boys as he deemed necessary. The greatest number in service during 1898, 22,822; the greatest number in service during 1899, 24,123.

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Act of—	
Mar. 2, 1907 (59th Cong., 2d sess.)	38,500
May 13, 1908 (60th Cong., 1st sess.)	44,500
Mar. 3, 1909 (60th Cong., 2d sess.)	44,500
June 24, 1910 (61st Cong., 2d sess.)	47,500
Mar. 4, 1911 (61st Cong., 3d sess.)	47,500
Aug. 22, 1912 (62d Cong., 2d sess.)	51,500
Mar. 4, 1913 (62d Cong., 3d sess.)	51,500
June 30, 1914 (63d Cong., 2d sess.)	51,500
Mar. 3, 1915 (63d Cong., 3d sess.)	51,500
Aug. 29, 1916 [2] (64th Cong., 1st sess.)	77,956
Mar. 4, 1917 (64th Cong., 2d sess.)	77,956
July 1, 1918 [3] (65th Cong., 2d sess.)	146,768
July 11, 1919 (66th Cong., 1st sess.)	([4])
June 4, 1920 (66th Cong., 2d sess.)	([4])
July 12, 1921 (67th Cong., 1st sess.)	([4])

[2] Under act of Aug. 29, 1916, the President is authorized, whenever in his judgment a sufficient national emergency exists, to increase the authorized enlisted strength of the Navy to 87,000 men. This was supplemented by the act of May 22, 1917, which authorized the President further to increase the authorized enlisted strength of the Navy to 150,000 men, including 4,000 additional apprentice seamen.

[3] Fixed the temporary strength of the Navy at 181,485, exclusive of apprentices, and authorized President during war with German Government to make a further increase of 50,000 men.

[4] Fixed total authorized enlisted strength of the active list of the Navy at 241,000 for the period from July 1, 1919, to Sept. 30, 1919; at 191,000 from Oct. 1, 1919, to Dec. 31, 1919; and at 170,000 from Jan. 1, 1920, to June 30, 1920; and authorized President, whenever in his judgment a sufficient national emergency existed, to increase the authorized enlisted strength of the Navy to 191,000 men.

Table 54.—AMOUNT APPROPRIATED FOR PAY OF THE NAVY (BY NAVAL ACTS UNLESS OTHERWISE SPECIFIED) FROM 1885 TO 1921, INCLUSIVE.

Act of—	
Mar. 3, 1885 (48th Cong., 2d sess.)	$6,940,780.00
July 26, 1886 (49th Cong., 1st sess.)	7,000,000.00
Mar. 3, 1887 (49th Cong., 2d sess.)	7,000,000.00
Sept. 7, 1888 (5th Cong., 1st sess.)	7,082,000.00
Mar. 2, 1889 (50th Cong., 2d sess.)	7,250,000.00
June30, 1890 (51st Cong., 1st sess.)	7,250,000.00
Mar. 2, 1891 (51st Cong., 2d sess.)	7,300,000.00
July 19, 1892 (52d Cong., 1st sess.)	7,300,000.00
Mar. 3, 1893 (52d Cong., 2d sess.)	7,300,000.00
July 26, 1894 (53d Cong., 2d sess.)	7,475,000.00
Mar. 2, 1895 (53d Cong., 3d sess.)	7,649,329.00
June 10, 1896 (54th Cong., 1st sess.)	8,100,873.00
Mar. 3, 1897 (55th Cong., 1st sess.)	8,235,385.00
May 4, 1898 (55th Cong., 2d sess.)	9,125,460.00
Mar. 3, 1899 (55th Cong., 3d sess.)	13,500,171.00
June 7, 1900 (56th Cong., 1st sess.)	12,810,897.00
Mar. 3, 1901 (56th Cong., 2d sess.)	15,200,284.00
July 1, 1902 (57th Cong., 1st sess.)	16,138,199.00
Mar. 3, 1903 (57th Cong., 2d sess.)	17,706,099.00
Apr. 27, 1904 (58th Cong., 2d sess.)	19,324,093.00
Mar. 2, 1905 (58th Cong., 3d sess.)	20,000,000.00
June 29, 1906 (59th Cong., 1st sess.)	20,269,637.00
Mar. 2, 1907 (59th Cong., 2d sess.)	21,000,000.00
May 13, 1908 (60th Cong., 1st sess.)	30,979,225.00
Mar. 3, 1909 (60th Cong., 2d sess.)	32,803,486.72
June 24, 1910 (61st Cong., 2d sess.)	33,665,536.00
Mar. 4, 1911 (61st Cong., 3d sess.)	35,069,026.00
Aug. 22, 1912 (62d Cong., 2d sess.)	37,280,971.25
Mar. 4, 1913 (62d Cong., 3d sess.)	39,264,662.00
June 30, 1914 (63d Cong., 2d sess.)	40,010,724.00
Mar. 3, 1915 (63d Cong., 3d sess.)	41,240,563.00
Aug. 29, 1916 (64th Cong., 1st sess.)	50,226,912.65
Mar. 4, 1917 (64th Cong., 2d sess.)	51,023,776.15
June 15, 1917 (65th Cong., 1st sess.) urgent deficiency	75,508,672.42
July 1, 1918 (65th Cong., 2d sess.)	227,372,946.00
July 11, 1919 (66th Cong., 1st sess.)	164,203,494.00
June 4, 1920 (66th Cong., 2d sess.)	120,876,537.00
July 12, 1921 (67th Cong., 1st sess.)	137,815,303.00

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Table 55.—REQUIREMENTS FOR ENLISTMENT.

An applicant for enlistment must be a citizen of the United States, native or naturalized, between 18 and 35 years old, of good character and habits, able to read, write, and speak English. Applicants enlist for two, three or four years.

All applicants must be in good physical condition, free from any disease or deformity, at least 64 inches high and weighing 128 pounds for an adult, with weight increasing in proportion to height. A minor must be at least 62 inches tall and weigh 110 pounds, increasing proportionately with age and height.

Table 56.—STATISTICS RELATING TO ENLISTMENTS.

	June 30—					
	1907	1908	1909	1910	1911	1912
Number in service	33,027	39,048	44,129	45,076	47,612	47,515
Number of applicants	45,691	81,442	91,588	76,074	79,458	73,364
Applicants enlisted	14,329	21,929	18,713	14,756	15,724	17,743
Percentages of desertions	9.04	9.00	5.50	4.77	4.16	3.52
Discharge by purchase	132	504	538	503	461	403

	June 30—								
	1913	1914	1915	1916	1917	1918	1919	1920	1921
Number in service	48,068	52,667	52,561	54,234	171,133	435,398	250,833	107,601	119,205
Number of applicants	75,457	88,943	102,561	89,812	281,957	380,260	160,977	160,057	135,993
Applicants enlisted	17,918	18,948	17,704	21,220	93,093	106,278	57,913	79,870	72,386
Percentages of desertions	3.77	2.89	2.43	2.24	1.43	.93	1.1	3.98	6.08
Discharge by purchase	495	451	2,303	1,967	388	.....	.....	.....	.....

Table 57.—ADDRESSES OF CENTRAL RECRUITING STATIONS.

Boston, Mass., 66 Hanover Street.
New Haven, Conn., 19 Congress Avenue.
Providence, R. I., 42 Westminster Street.
Springfield, Mass., 264 Main Street.
Albany, N. Y., 463 Broadway.
Baltimore, Md., 125 E. Baltimore Street.
Brooklyn, N. Y., 8 Fourth Avenue.
Buffalo, N. Y., Post Office Building.
Cleveland, Ohio, 647 Euclid Avenue.
Newark, N. J., 653 Broad Street.
New York, N. Y., 34 East Twenty-third Street.
Philadelphia, Pa., 1515 Arch Street.
Pittsburgh, Pa, 1011 Liberty Avenue.
Syracuse, N. Y., 300–301 Keith Theater Building.
Wilkes-Barre, Pa., 700–702 Meyer Building.
Atlanta, Ga., Post Office Building.
Birmingham, Ala., Title Guarantee Building.
Columbia, S. C., Arcade Building.
Nashville, Tenn., Custom House Building.
Norfolk, Va., 101 W. Main Street.
Raleigh, N. C., Commercial Bank Building.
Richmond, Va., Allison Building.
Dallas, Tex., 914½ Main Street.
Houston, Tex., 201 Binz Building.
Little Rock, Ark., 218 Boyle Building.
New Orleans, La., 617 Common Street.
Chicago, Ill., 619–621 South State Street.
Cincinnati, Ohio, 204 East Fourth Street.
Detroit, Mich., Fort and Wayne Streets.
Indianapolis, Ind., Washington and Illinois Streets.
Milwaukee, Wis., 222 Grand Avenue.

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Denver, Colo., 1511–1515 Larimer Street.
Des Moines, Iowa, Old Post Office Building.
Kansas City, Mo., 1120 Walnut Street.
Omaha, Nebr., 210 South Fourteenth Street.
St. Louis, Mo., Seventh and Chestnut Streets.
Los Angeles, Calif., 318 Union Oil Building.
Portland, Oreg., 206 Dekum Building.
Salt Lake City, Utah, Keith Emporium Building.
San Francisco, Calif., 742 Market Street.
Seattle, Wash., 1604 Fourth Avenue.

Table 58—CITIZENSHIP OF ENLISTED FORCE, YEAR ENDING JUNE 30, 1921.

	1920	1921
Native born	98,273	109,457
Naturalized	3,112	3,567
Aliens declared intentions	73	91
Aliens resident in the United States	47	49
Aliens nonresident in the United States	188	262
Guam	217	218
Philippines	5,453	5,331
Samoa	84	83
Virgin Islands	154	137
Total	107,601	119,205

Table 59.—NUMBER AND PERCENTAGES OF CITIZENSHIP OF ENLISTED MEN, YEAR ENDING JUNE 30, 1921.

		1920	1921
United States Navy	number	107,601	119,205
Native born	per cent	91.33	91.82
Naturalized	do	2.89	2.99
Declared intentions	do	.07	.08
Aliens resident in the United States	do	.04	.04
Aliens nonresident in the United States	do	.18	.18
Natives of colonial possessions	do	5.49	4.89
Citizens of the United States	do	94.22	94.82
United States Naval Reserve Force	number	1,349	.....
Native born	per cent	80.73	.....
Naturalized	do	6.89	.....
Declared intentions	do	1.48	.....
Aliens resident in the United States	do	.....	.....
Aliens nonresident in the United States	do	.....	.....
Natives of colonial possessions	do	10.90	.....
Citizens of the United States	do	87.62	.....
Citizenship of the total force	number	108,950	.....
Native born	per cent	91.20	.....
Naturalized	do	2.94	.....
Citizens of the United States	do	94.14	.....

Warrant Officers who have applied for appointment as Ensigns in the Navy under the provisions of an act of Congress approved March 3, 1901, as amended March 3, 1903, April 27, 1904, and March 3, 1909, and the number appointed each year.

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Table 60.—WARRANT OFFICERS APPOINTED ENSIGNS.

When appointed.	Applied.	Failed on examinations.	Withdrew applications.	Not qualified for appointment.	Appointed.	Present rank.
1901	7	1	.....	4	2	Lieutenant commander (both retired).
1902	1	.....	.....	.....	1	Commander (retired).
1903	6	1	1	2	2	1 commander (retired), 1 lieutenant-commander (retired).
1904	23	11	2	.....	10	1 lieutenant (resigned), 5 lieutenant-commanders (retired), 4 commanders (1 retired).
1905	12	5	2	.....	5	4 commanders, 1 lieutenant-commander (retired).
1906	8	3	1	1	3	2 commanders, 1 lieutenant-commander (retired).
1907	6	4	2	.....	.....	
1908	3	1	.....	.....	2	1 lieutenant-commander and 1 deceased.
1909	2	2	.....	.....	.....	
1910	5	4	.....	.....	1	Lieutenant-commander.
1911	5	4	.....	1	.....	
1912	5	3	.....	.....	2	Lieutenant (1 resigned).
1913	5	.....	.....	.....	5	Lieutenant (1 retired).
1914	7	1	.....	.....	6	5 lieutenants (1 retired), 1 (deceased).
1915	8	2	.....	.....	6	Lieutenant.
1916	9	4	.....	2	3	Do.
1917	15	6	.....	3	6	Do.
1918	9	3	3	.....	3	Do.
1919	.....	.....	.....	.....	.....	
Total..	136	55	11	13	57	

Table 61.—MIDSHIPMEN (FORMERLY CADETS) AT SEA AND ON SHORE, 1879 TO 1921.

Years.	At sea.	At Naval Academy.	Total.	Years.	At sea.	At Naval Academy.	Total.
1879	123	352	475	1901	124	327	451
1880	163	318	481	1902	125	406	531
1881	196	260	456	1903	102	649	751
1882	208	238	446	1904	105	823	928
1883	101	247	348	1905	174	881	1,055
1884	82	237	339	1906	304	751	1,055
1885	73	244	317	1907	312	852	1,164
1886	58	237	295	1908	383	798	1,181
1887	69	224	293	1909	371	848	1,219
1888	72	232	304	1910	292	840	1,132
1889	63	243	306	1911	281	727	1,008
1890	67	239	306	1912	.....	768	768
1891	66	236	302	1913	.....	870	870
1892	70	234	304	1914	.....	911	911
1893	68	242	310	1915	.....	915	915
1894	68	237	305	1916	.....	1,230	1,230
1895	60	241	301	1917	.....	1,455	1,455
1896	52	251	303	1918	.....	2,120	2,120
1897	62	257	319	1919	.....	2,004	2,004
1898	64	278	342	1920	.....	2,263	2,253
1899	91	262	353	1921	.....	2,431	2,431
1900	111	280	391				

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Table 62.—OFFICERS ON THE ACTIVE LIST OF THE NAVY, COMPUTATION OF JULY 1, 1921.

The following are the computed numbers, or permanent "authorized strength" of the Navy—officers, midshipmen, Flying Corps, etc.—allowed under the act of Congress approved August 29, 1916, as amended, for the period running from the date of the computation in each instance to the date of the next official computation, upon which computed numbers are further computed the fixed numbers, or "authorized strength" of the various grades and ranks, for the period running from the date of the computation. Computations were made "as of" the dates indicated in each corps.

Computed numbers of line and staff and warrant officers for computation period.	"Authorized strength" of various grades and ranks for computation period, based on total computed numbers.		Actually in service on distribution date.
Line..... [1] 4,071 (Dec. 31, 1921.)	Rear admiral—Upper half	[2] 41	[3] 49
	Rear admiral—Lower half		
	Captain	[2] 163	[4] 176
	Commander	[2] 285	[5] 315
	Lieutenant commander	[2] 570	570
	Lieutenant	[2] 1,323	[6] 1,324
	Lieutenant (junior grade) / Ensign	[2] 1,689	1,689
		4,071	[7] 4,123
Medical..... [1] 815 (Nov. 10, 1921.)	Medical director, rear admiral—Upper half	[2] 4	4
	Medical director, rear admiral—Lower half		
	Medical director, captain	[2] 33	[6] 34
	Medical inspector, commander	[2] 65	65
	Surgeon / Passed assistant surgeon / Assistant surgeon—Lieutenant commander, Lieutenant, Lieutenant (junior grade)	[2] 713	713
		[8] 815	[9] [6] 816
Supply..... [1] 610 (Nov. 1, 1921.)	Pay director, rear admiral—Upper half	[2] 3	3
	Pay director, rear admiral—Lower half		
	Pay director, captain	[2] 24	24
	Pay inspector, commander	[2] 49	[6] 50
	Paymaster / Passed assistant paymaster / Assistant paymaster—Lieutenant commander, Lieutenant, Lieutenant (junior grade), Ensign	[2] 534	[6] 535
		610	[10] 612
Construction..... [1] 199 (Dec. 31, 1921.)	Naval constructor, rear admiral—Upper half	[2] 1	[6] 2
	Naval constructor, rear admiral—Lower half		
	Naval constructor—Captain	[2] 17	17
	Naval constructor—Commander	[2] 28	28
	Naval constructor / Assistant naval constructor—Lieutenant commander, Lieutenant, Lieutenant (junior grade)	[2] 153	153
		199	[6] 200
Civil engineer..... [1] 104 (Oct. 1, 1921.)	Civil engineer, rear admiral—Upper half	[2] 1	[6] 2
	Civil engineer, rear admiral—Lower half		
	Civil engineer—Captain	[2] 6	6
	Civil engineer—Commander	[2] 15	[6] 16
	Civil engineer / Assistant civil engineer—Lieutenant commander, Lieutenant [2], Lieutenant (junior grade)	82	82
		104	[10] 106

[1] Number "fixed" temporarily does not change until new computations are made for a succeeding computation period.
[2] Does not include the "additional numbers" in grade who are in excess of numbers here shown and the total numbers of whom will fluctuate.
[3] Including 8 "additional numbers."
[4] Including 13 "additional numbers."
[5] Including 30 "additional numbers."
[6] Including 1 "additional number."
[7] Including 52 "additional numbers."
[8] Does not include acting assistant surgeons, who are in excess of number here shown and total number of whom will fluctuate.
[9] Does not include acting assistant surgeons in service on date of distribution, who are counted as "additional to the regular Medical Corps officers."
[10] Including 2 "additional numbers."

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Table 62.—OFFICERS ON THE ACTIVE LIST OF THE NAVY, COMPUTATION OF JULY 1, 1921—Continued.

Computed numbers of line and staff and warrant officers for computation period.	"Authorized strength" of various grades and ranks for computation period, based on total computed numbers.			Actually in service on distribution date.
Chaplains..... [11] 151	Chaplain—	Captain	[12] 15	12
		Commander	[12] 30	2
		Lieutenant commander	[12] 30	2
		Lieutenant	[12] 76	55
		Lieutenant (junior grade)		
			151	71
Professors of mathematics..... [12] 7	Professor—	Captains	[12] 3	[6] 4
		Commander	[12] 4	[6] 5
			7	[10] [13] 9
Dental Corps..... [11] 189	Dental surgeon—	Lieutenant commander	189	140
		Lieutenant		
		Lieutenant (junior grade)		
Midshipmen..... [11] 3,136 (Jan., 1922.)			3,136	2,392
Flying Corps..... [11] 150			150	0
Chief warrant officers [14] 621 (Jan., 1922.)			[15] 621	[16] 420
Warrant officers.... [14] 506 (Jan., 1922.)			[15] 506	[17] 650
Chief pay clerks, pay clerks, and acting pay clerks. [11] 386 (Jan., 1922.)			386	[18] 184

Total number of officers are divided in the various branches of the naval service as follows:

Total number of line officers (excluding midshipmen and the Flying Corps)	4,071
Total number of staff officers	1,946
Total number of warrant officers	[19] 1,254

[11] Number "fixed" permanently; does not change under existing law.
[12] Number "fixed" permanently, but corps will die out with passing of present members from the active list.
[13] Three positions in original 12 fixed by law vacated; will never be filled as corps is to die out by virtue of provisions contained in act of Congress approved August 29, 1916.
[14] Number "fixed" temporarily; fluctuates from day to day.
[15] Total number unlimited; fluctuates continually.
[16] Includes 74 chief boatswains, 73 chief gunners, 105 chief machinists, 59 chief carpenters, and 110 chief pharmacists.
[17] Includes 173 boatswains, 227 gunners, 158 machinists, 70 carpenters, and 22 pharmacists.
[18] Includes 39 chief pay clerks and 135 pay clerks and acting pay clerks.
[19] Excludes "additional numbers" in grade.

Table 63.—ACTUAL AND AUTHORIZED STRENGTH OF THE MARINE CORPS JANUARY 1, 1922.

Grade.	In service.	Allowed by law.	Grade.	In service.	Allowed by law.
Officers:			Enlisted:		
Major General Commandant	1	1	Sergeants major	68	73
Major generals	2	2	Quartermaster sergeants	293	368
Brigadier generals	9	9	Drum majors	2	2
Colonels	[1] 34	32	First sergeants	315	413
Lieutenant colonels	[1] 45	44	Gunnery sergeants	298	399
Majors	119	124	Sergeants	1,413	1,853
Captains	325	329	Corporals	2,198	3,303
First lieutenants	[1] 229	276	Drummers	4	320
Second lieutenants	182	275	Trumpeters	365	320
Warrant officers and pay clerks	158	158	Privates, first class	2,708	5,071
			Privates	13,581	15,211
			Leader of band	1	1
			Second leader of band	1	1
			Principal musicians	10	10
			First-class musicians	25	25
			Second-class musicians	19	20
			Third-class musicians	10	10
	1,104	1,251		21,311	27,400

[1] One additional number in grade.

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Table 63.—ACTUAL AND AUTHORIZED STRENGTH OF THE MARINE CORPS, JANUARY 1, 1922—Continued.

ACTUAL STRENGTH OF MARINE CORPS RESERVE JANUARY 1, 1922.

	Active.	Inactive.	Total.
Officers	12	522	534
Warrant officers and pay clerks	.....	17	17
Enlisted	.....	3,432	3,432
Total	12	3,971	3,983

Table 64.—OFFICERS AND MEN ON THE RETIRED LIST OF THE NAVY, JUNE 30, 1921.

OFFICERS ON THE RETIRED LIST OF THE NAVY JUNE 30, 1921.

Rear admirals	122	Lieutenant (Chaplain Corps)	1
Commodores	31	Commodores (professors of mathematics)	3
Captains	56	Captains (professors of mathematics)	3
Commanders	100	Commanders (professors of mathematics)	3
Lieutenant commanders	94	Lieutenant (professor of mathematics)	1
Lieutenants	90	Rear commodore (Construction Corps)	1
Lieutenants (junior grade)	35	Captains (Construction Corps)	2
Ensigns	20	Commander (Construction Corps)	1
Rear admirals (Medical Corps)	7	Lieutenant commander (Construction Corps)	1
Commodores (Medical Corps)	5	Lieutenants (Construction Corps)	4
Captains (Medical Corps)	21	Rear admirals (Civil Engineer Corps)	2
Commanders (Medical Corps)	9	Captain (Civil Engineer Corps)	1
Lieutenant commanders (Medical Corps)	24	Commander (Civil Engineer Corps)	1
Lieutenants (Medical Corps)	32	Lieutenant commander (Civil Engineer Corps)	1
Lieutenants (junior grade) (Medical Corps)	7	Chief boatswains	43
Lieutenant commander (Dental Corps)	1	Boatswains	8
Rear admirals (Supply Corps)	9	Chief gunners	19
Commodores (Supply Corps)	6	Gunners	19
Captains (Supply Corps)	10	Chief machinists	46
Commanders (Supply Corps)	2	Machinists	21
Lieutenant commanders (Supply Corps)	15	Chief carpenters	18
Lieutenants (Supply Corps)	7	Carpenters	4
Lieutenants (juniot grade) (Supply Corps)	4	Chief sailmakers	5
Ensigns (Supply Corps)	2	Chief pharmacists	9
Rear admirals (Engineer Corps)	3	Pharmacists	13
Captains (Engineer Corps)	2	Chief pay clerks	12
Commanders (Engineer Corps)	2	Pay clerks	17
Lieutenant commanders (Engineer Corps)	10	Acting pay clerks	6
Lieutenants (Engineer Corps)	9	Mates	2
Lieutenants (junior grade) (Engineer Corps)	9	Mate	1
Ensigns (Engineer Corps)	2		
Rear Admirals (Chaplain Corps)	1	Total	1,021
Captains (Chaplain Corps)	5		
Commander (Chaplain Corps)	1		

RETIRED LIST—ENLISTED MEN.

There were 61 men retired during the fiscal year June 30, 1920, and 28 deaths, making the total number on the retired list 578, as follows:

Mates	19	Ships' cook, first class	27
Chief masters-at-arms	58	First musicians	6
Chief turret captain	1	Masters-at-arms, second class	2
Chief boatswains' mates	81	Boatswains' mates, second class	3
Chief gunners' mates	47	Gunners' mates, second class	2
Chief quartermasters	35	Electrician, second class	1
Chief machinists' mates	24	Oilers	9
Chief electricians	3	Coxswains	4
Chief carpenters' mates	13	Coxswains to commanders in chief	2
Chief water tenders	44	Gunner's mate, third class	1
Chief storekeeper	1	Quartermaster, third class	1
Chief commissary stewards	9	Seamen	6
Chief yeomen	38	Firemen, first class	6
Hospital steward	1	Musicians, first class	12
Bandmasters	14	Hospital apprentices, first class	3
Masters-at-arms, first class	7	Stewards to commanders in chief	4
Boatswains' mates, first class	14	Cook to commander in chief	1
Gunners' mates, first class	15	Stewards to commandants	3
Boiler makers	6	Cabin stewards	5
Machinists' mates, first class	5	Cabin cooks	4
Electrician, first class	1	Wardroom stewards	7
Blacksmiths	3	Wardroom cooks	2
Water tenders	16	Steerage stewards	2
Sail makers' mates	6	Warrant officers' steward	1
Carpenter's mate, first class	1		
Commissary stewards	2	Total	578

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Table 64.—OFFICERS AND MEN ON THE RETIRED LIST OF THE NAVY, JUNE 30, 1921—Continued.

RETIRED LIST—ENLISTED MEN—Continued.

There were 48 men retired during the past fiscal year and 27 deaths, making the total number on the retired list July 1, 1921, 599, as follows:

Mates	18
Chief masters-at-arms	56
Chief turret captains	2
Chief boatswains' mates	86
Chief gunners' mates	50
Chief quartermasters	38
Chief machinists' mates	27
Chief electricians	3
Chief printer	1
Chief carpenters' mates	12
Chief water tenders	51
Chief commissary stewards	8
Chief yeomen	37
Hospital steward	1
Bandmasters	17
Masters-at-arms, first class	7
Boatswains' mates, first class	13
Gunners' mates, first class	14
Boiler makers	6
Machinists' mates, first class	5
Electrician, first class	1
Blacksmiths	3
Water tenders	14
Enginemen, first class	3
Sail makers' mates	6
Commissary stewards	3
Ships' cooks, first class	28
First musicians	6
Masters-at-arms, second class	2
Boatswain's mates, second class	3
Gunners' mates, second class	2
Electrician, second class	1
Oilers	9
Coxswains	4
Coxswain to commander in chief	1
Gunner's mate, third class	1
Quartermaster, third class	1
Seamen	6
Firemen, first class	6
Musicians, first class	12
Hospital apprentices, first class	2
Stewards to commanders in chief	4
Cook to commander in chief	1
Stewards to commandants	3
Cabin stewards	8
Cabin cooks	4
Wardroom stewards	8
Wardroom cooks	2
Steerage stewards	1
Warrant officers' steward	1
Mess attendant, first class	1
Total	599

Table 65.—OFFICERS AND MEN ON THE RETIRED LIST OF THE MARINE CORPS, JANUARY 1, 1922.

Major General Commandants	2
Major generals	1
Brigadier generals	4
Colonels	9
Lieutenant colonels	7
Majors	27
Captains	50
First lieutenants	29
Second lieutenants	13
Total	142
Warrant officers and pay clerks:	
Marine gunners	3
Quartermaster clerks	3
Pay clerks	1
Total	7
Marine Corps Reserve:	
First lieutenants	1
Second lieutenants	5
Total	6
Sergeants major	28
Quartermaster sergeants	40
Drum majors	1
First sergeants	62
Gunnery sergeants	45
Sergeants	50
Corporals	10
Drummers	1
Privates	8
Second leader of band	1
Principal musicians	7
First-class musicians	15
Second-class musicians	1
Total	269
Marine Corps Reserve:	
Sergeants major	1
Quartermaster sergeants	2
First sergeants	6
Gunnery sergeants	5
Corporals	1
Total	15

Table 66.—SICKNESS, NAVY AND MARINE CORPS, AND SURGICAL OPERATIONS DURING 1919 AND 1920.

	Total cases treated.				Deaths.		Invalided from the service.	
Year.	Number.	Annual rate per 1,000.	Sick days.	Annual rate per 1,000.	Number.	Annual rate per 1,000.	Number.	Annual rate per 1,000.
1919	201,978	676.02	4,423,204	14,804.51	1,762	5.90	15,517	51.94
Average, 1909–1918	83,933	666.01	1,374,562	10,907.10	1,263	10.02	2,841	22.54
1920	109,717	778.99	2,113,991	15,009.33	1,000	7.00	5,259	37.33
Average, 1910–1920	100,258	668.13	1,755,277	11,697.40	1,411	9.40	4,230	28.20

Average complement, 1909–1918, 126,025.
Average complement, 1910–1919, 150,057.

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Table 66.—SICKNESS, NAVY AND MARINE CORPS, AND SURGICAL OPERATIONS DURING 1919 AND 1920—Continued.

Surgical operations.

	1919	1920
Total number of operations	17,413	8,876
Cured	15,942	8,249
Improved	1,029	419
Unimproved	122	82
Transferred	206	47
Died	114	79

Table 67.—COMPARATIVE PERSONNEL OF THE PRINCIPAL NAVAL POWERS.

	Officers.	Men.	Total.
Great Britain	9,927	102,761	112,688
Japan	8,572	73,578	82,150
France	3,700	51,000	54,700
Italy	2,229	40,000	42,229
Germany	1,190	12,221	13,412

The above information furnished by the Office of Naval Intelligence as of January 1, 1922.

Table 68.—CHRONOLOGICAL LIST OF ACTS RELATING TO PERSONNEL.

Act of June 7, 1900 (56th, 1st):
- Active service for retired officers during period of 12 years.
- Bureau of Steam Engineering, officers eligible for appointment as chief.
- Desertion forfeitures credited to naval hospital fund.
- Medical Corps, increase of.
- Midshipmen, succeeding appointments of, after four years of six-year course.
- Mileage in lieu of traveling expenses within United States.
  - Actual expenses without the United States.
- Pay of officers, personnel law not to operate to reduce.

Act of Mar. 3, 1901 (56th, 2d):
- Advancement for Spanish War service not to interfere with regular promotions.
- Marine Corps, term of enlistment.
  - Allowed Navy ration when serving abroad
- Naval Observatory, rank of superintendent.
  - Board of visitors to be appointed.
  - Number of enlisted men increased.
- Officers advanced to be additional numbers in grade.
- Shore duty beyond seas defined.
- Traveling expenses for repeated travel in same vicinity. [NOTE.—This law is omitted from 1915 edition; should be on p. 163. Is still in force.]
- Warrant officers eligible to grade of ensign.
  - (Number increased to 12 in 57th, 2d.)

Act of July 1, 1902 (57th, 1st):
- Civil Engineer Corps, increase of.
- Civilians employed in island possessions, method of pay of.
- Marine Corps, additional force.
  - Rank of commandant.
- Midshipman, title changed from naval cadet
  - Number increased.
- Naval Constructors Corps, increase of.
- Navy ration, provision amended as to component parts
  - Number of enlisted men increased.

Act of March 3, 1903 (57th, 2d):
- Active list of Navy, increase in certain grades
- Civil Engineer Corps—
  - Pay of assistant civil engineers.
  - Examinations for promotion.

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Act of March 3, 1903 (57th, 2d)—Continued.
Hazing, punishment for.
Limit of yearly increase in certain grades of line and staff.
Marine Corps—
Increase of.
Present vacancies in, how filled.
Midshipmen—
Increase of, till 1913.
Age limit changed.
Present vacancies in.
Naval Academy, 10 instructors for.
Number of enlisted men increased.
Porto Rico, midshipman.
Warrant officers appointed ensigns, increase in number of, to 12 in each calendar year.
Act of April 27, 1904 (58th, 2d):
Marine Corps officers with creditable Civil War service to be retired in like manner as officers of the Navy with similar service.
Marine Corps, extra pay for gun pointers and others.
Number of enlisted men increased.
Professors and instructors at Naval Academy, increase in number of.
Remains, transportation of.
Warrant officers eligible to grade of ensign after four years.
Warrant officers eligible to appointment as chiefs after six years.
Warrant machinists, number unlimited, but not to exceed 20 in any one year (amending act March 3, 1899). [NOTE.—This law is omitted from 1915 edition; should be on p. 209.]
Act of March 3, 1905:
Bureau of Steam Engineering, detail of officer as assistant to chief.
Enlisted men, prisoners under sentence of dishonorable discharge additional to authorized number.
Number of enlisted men increased.
Act of June 29, 1906 (59th, 1st):
Chaplains, rank, pay, and allowances.
Civil engineers and professors of mathematics to receive same allowances as Constructors Corps.
Enlisted men discharged on expiration of enlistment to receive travel allowance of 4 cents per mile from place of discharge to place of enlistment.
Discharged during first six months of enlistment may be required to refund clothing bounty.
Marine Corps, authorized to deposit savings same as enlisted men of the Navy.
Fifteen per cent shore-duty clause repealed.
Midshipmen—
Admissions to Naval Academy from foreign countries prohibited.
Time of designation for examination extended.
One additional, for District of Columbia.
Navy ration, provision amended as to component parts.
Professors of mathematics, two additional authorized to be appointed from officers of the Navy or otherwise (Smith and Garrison).
Recruits, evidence required as to age.
Retired officers, Navy and Marine Corps, increased rank and pay for Civil War service.
Yards and Docks, Chief of Bureau of, shall be selected from members of Corps of Civil Engineers having not less than seven years' active service.
Act of March 2, 1907:
Enlisted men, number increased.
Marine Corps, extra pay for privates detailed as cooks.
Navy ration, provision amended as to component parts.
Act of May 13, 1908 (60th, 1st):
Aids to rear admirals, additional pay for.
Badges and ribbons commemorating campaigns.
Bands, excepting Naval Academy, prohibited from competing with civilian musicians.
Chaplains, pay and allowances shall in no case exceed that for lieutenant commanders.

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Act of May 13, 1908 (60th, 1st)—Continued.
Chiefs of bureaus, pay and allowances shall be the highest of grade to which belong and not below rear admiral of lower nine.
Chiefs of bureaus who are subsequently retired, pay of.
Civil professors and instructors, Naval Academy, 20 per cent increase in pay.
Commissioned officers of active list shall receive same pay and allowances according to rank and length of service.
Death of officers or men, amount to be paid widows or persons designated.
Enlisted men, pay increased 10 per cent.
Enlisted men, present pay to remain until changed by Congress.
Hospital Corps, enlisted force, pay.
Irons, use of, as punishment restricted.
Marine Corps, appropriation for increase of pay (pay increased under Army act).
Marine Corps, commandant to have rank of major general.
Marine Corps, increase in numbers of officers and men.
Midshipmen, pay increased to $600 at academy and to $1,400 after graduation from academy.
Number of enlisted men increased.
Nurse Corps (female) established.
Officers on sea duty shall receive 10 per cent additional.
Officers when 30 years in service may be placed on retired list with three-fourths of the highest pay of grade.
Pay, nothing in act to be construed as reducing.
Pay of officers and men on retired list based on pay of active list.
Pay of officers (except admiral) and men increased.
Pay of officers in each grade on active list.
Pay of the Navy, detailed estimate and schedule to be sent to Congress.
Paymasters' clerks shall receive same pay and allowances as warrant officers.
Warrant officers and mates, pay increased 25 per cent.

Act of February 16, 1909 (35 Stat., 621):
Deck courts established.
Deserters to be arrested by civil officers.
Depositions allowed in evidence before courts-martial.
Officers authorized to convene general courts-martial at naval stations abroad.
Prisoners to be furnished civilian clothing on discharge.
Process authorized to compel attendance of civilian witnesses.
Summary court-martial records to be destroyed after two years.
Summary court-martial sentences to be executed without department's approval.

Act of March 3, 1909 (60th, 2d):
Changing title of warrant machinist to machinist, and providing for commissioning them as chief machinists to rank with, but after, ensign; and that chief boatswains, chief gunners, and chief machinists shall be eligible to the grade of ensign.
Civilian employees discharged from navy yards for lack of work to be preferred for employment therein for one year.
Crypt and window spaces of Naval Academy chapel to be reserved for memorials to United States naval officers who have rendered distinguished war service.
Discharged naval prisoners to be transported to their homes or places of enlistment, and to be furnished civilian clothing if otherwise they would be without the same.
Extra-duty pay, Marine Corps, allowed only under written orders of the commandant.
Marines restored to battleships and armored cruisers in the proportion of 8 per cent of the strength of the enlisted men of the Navy on said vessels.
Prisoners' rations to be commuted in amounts fixed by Secretary of the Navy.
Retirement in next higher grade of officers who have Civil War service. Act of June 29, 1906, not to deprive any officer of benefits he would otherwise have received.
Traveling expense claims, Marine Corps, to be settled under rules prescribed by Secretary of the Navy.

Act of June 24, 1910 (61st, 2d):
Band, Naval Academy, to be enlisted men (act April 12, 1910, 36 Stat. 297).
Chiefs of bureau, officers serving as, shall, while on active list, retain highest shore-duty pay and allowances of rear admiral of lower nine, and after 30 years' service receive new commissions.
Equipment, Bureau of, distribution of duties among other bureaus.
Number of enlisted men increased.

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Act of June 24, 1910 (61st, 2d)—Continued.
Nurse Corps (female), $15 per month in lieu of quarters when quarters not available.
Paymasters' clerks shall receive same pay and allowances and have same rights of retirement as warrant officers of like length of service.
Recruits, evidence required as to age.
Act of March 4, 1911 (61st, 3d):
Accounts of volunteer officers, Spanish War, to be resettled.
Line officers on active list, performing engineering duty on shore, made additional numbers.
Physical examination for promotion on increased rank on retirement of officers falling in.
Act of March 11, 1912 (37 Stat. 73):
Officers failing professionally upon examination for promotion to be suspended from promotion for six months and suffer a loss of numbers.
Act of March 7, 1912 (62d, 2d) (37 Stats., 73):
Midshipmen to be commissioned as ensigns upon graduation at end of four-year course.
Act of August 22, 1912 (62d, 2d):
Active service of retired officers authorized.
Chiefs of bureaus, repealing provision, act of 1910, as to pay, etc.
Death of officers or men, specifying recipients of six months' pay.
Dental surgeons, assistant, authorized.
Hospital stewards, pay of, under permanent apportionments.
Medical Reserve Corps, established.
Number of enlisted men increased.
Pay Corps, increase of.
Pharmacists commissioned as chief, with rank and pay of chief boatswains.
Reenlistment and extension of term.
Retired under sections 8 and 9, personnel act, officers to have rank and three-fourths sea pay of grade from which retired.
Act of March 4, 1913 (62d, 3d) (37 Stat. 891):
Dental Reserve Corps, established.
Dentist at Naval Academy to be commissioned as a dental surgeon in the Navy.
Services of midshipmen and cadets not to be counted in computing length of service of officers.
Officers appointed from civil life not to be credited with five years' service on date of appointment for computing pay.
Pay of officers detailed on aviation duty increased 35 per cent.
Thirty officers only to be detailed to aviation duty.
Officers above the rank of lieutenant commanders in the Navy and major in the Marine Corps shall not be detailed for actual flying.
Officers advanced in grade since March 3, 1899, to be allowed pay and allowances of higher grade or rank from dates stated in their commissions.
Act of July 9, 1913 (38 Stat. 103):
Midshipmen at Naval Academy, number increased until 1919.
Act of December 19, 1913 (38 Stat. 241):
Commandant of the Marine Corps to be appointed for term of four years.
Act of June 30, 1914 (63d, 2d):
Acting chaplains authorized; corps of chaplains reorganized.
Clothing outfit may be issued on second enlistment in amount not drawn on first enlistment.
Engineer officers performing shore duty only, and construction officers, made eligible for any shore duty compatible with rank and grade.
Bureau of Equipment abolished.
Midshipmen, number of, increased, to be appointed from enlisted men.
Mileage not to be paid officers where Government transportation is furnished.
Naturalization of aliens honorably discharged from Navy or Marine Corps.
Number of enlisted men authorized for Navy and Marine Corps hereafter to be daily average.
Act of March 3, 1915:
Rank of Admiral and Vice Admiral created.
Authorized transfer of certain line officers to grade of assistant naval constructor, not to exceed 24.
Created office of Chief of Naval Operations.
Making engineer and construction officers eligible for any shore duty compatible with rank and grade.

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Act of March 3, 1915—Continued.

Authorized medals of honor for officers of the Navy, Marine Corps, and Coast Guard.

Established a Naval Reserve force.

Established permanent grades of chief pay clerk, pay clerk, and acting pay clerk.

Naval "plucking board" abolished.

Authorized transfer of certain retired naval officers to the active list prior to March 3, 1917.

Aviation duty; officers and enlisted men to receive extra pay; gratuity for officers and enlisted men killed in line of duty.

Established an advisory committee for aeronautics, to supervise and direct the scientific study of the problems of flight.

Clothing outfit issued on first and second enlistment not to exceed $60.

Death of officers and men, deduction not to be made from gratiuty paid beneficiaries, to cover certain expenses.

Marine Corps, allowed extra pay for sea duty, the same as officers of the Navy.

Increases number of noncommissioned officers and reduces number of privates.

Act of August 29, 1916:

Chief of Naval Operations; gives rank and title of Admiral to officer so serving; prescribes his authority and pay; provides for the detail of officers to assist him in the performance of his duties; and for his rank and retirement.

Assistants, statutory, provided for the Chiefs of the Bureaus of Yards and Docks and Construction and Repair, and for the Judge Advocate General.

Discharge, enlisted men; authorized the discharged of enlisted men under certain circumstances after one year's service at sea.

Gratuity, six months'; provides that hereafter no deduction shall be made therefrom.

Hospital Corps, reorganization; provides for a reorganization of and increase in the Hospital Corps; that officers and enlisted men of the Medical Department of the Navy serving with a body of marines detached for service with the Army, shall, while so serving, be subject to the rules and articles of war.

Dental Corps; reestablished and reorganized, and provided that dental surgeons who shall have lost numbers on the Navy list by sentence of court-martial or failure upon examination for promotion, shall be considered to have lost service accordingly.

Dental Reserve Corps; organization of, authorized.

Authorized enlisted strength of the Navy; increased to 68,700, and the President is authorized, in time of national emergency, to increase same to 87,000; number of apprentice seamen increased to 6,000; and provides that the number of enlisted men shall be exclusive of those sentenced by court-martial to discharge.

Ratings, designations changed; that of coal passer changed to fireman, third class; and that of ordinary seaman to seaman, second class, without change of pay.

Midshipmen; number of appointments allowed President and Secretary of the Navy increased to 15 and 25, respectively.

Personnel, commissioned; provides for an increase in the commissioned personnel and a proportionate distribution in the various grades, ranks, and corps; that all commissioned officers of the active list of the Navy shall receive the same pay and allowances according to rank and length of service; that no further appointments shal be made in the corps of professors of mathematics; that the pay and allowances of chief warrant officers shall be increased after 6 and after 12 years, respectively, from the date of commission, and that they shall receive the same allowances of heat and light as ensings, and be allowed such leave of absence, with full pay, as is allowed other officers of the Navy.

Engineering duty only; authorizes the assignment of certain officers to and the appointment from civil life of acting ensigns for engineering duties only.

Naval Flying Corps; establishment and organization authorized, and provides for the appointment therein of acting ensigns and student flyers.

Promotion by selection, system of, established for all promotions to the grades of commander, captain, and rear admiral of the line of the Navy; prescribes the rank, on retirement, of those officers who fail on their physical examination; that on and after June 30, 1920, no captain, commander, or lieutenant commander shall be promoted unless he has had not less than two years' actual sea service in grade, or who is over a certain age in each case; that captains, commanders, and lieutenant commanders who become ineligible for promotion on account of age shall be retired on a percentage of their shore duty pay for each year of service; and raises the retirement age from 62 to 64 years.

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Act of August 29, 1916—Continued.

Pay, loss of, for absence due to misconduct. Officers and enlisted men absent on account of sickness or disease due to their own misconduct shall receive no pay for such time; an enlistment shall not be regarded as complete until any time in excess of one day so lost shall have been made good.

Pay, retired rear admirals on active duty; to be the active duty pay of a rear admiral under certain limited conditions.

Pay, retired officers on active duty; shall be the active-duty pay and allowances of the grade, not exceeding that of lieutenant commander or major, which the officer would have attained had he remained on the active list for a period beyond the date of his retirement equal to the time he has been on active duty since retirement.

Administration of justice; authority to convene general and summary courts-martial, deck courts, and courts of inquiry extended.

Naval Reserve Force; establishes a Naval Reserve Force to consist of six classes designated as follows: The Fleet Naval Reserve, the Naval Reserve, the Naval Auxiliary Reserve, the Naval Coast Defense Reserve, the Volunteer Naval Reserve, the Naval Reserve Flying Corps.

Marine Corps Reserve, establishment of, authorized.

Marine Corps; provides for increases in the commissioned and enlisted strength and a partial reorganization of that corps; for the eventual amalgamation of the line and staff; that the major general commandant shall be appointed from officers not below the rank of colonel; authorizes the President to reinstate certain former officers of the Marine Corps; establishes warrant grades of marine gunner and quartermaster clerk; makes certain provisions as to retirement of officers for age and length of service; authorizes the President to transfer to the active list certain retired officers; makes sections 1493 and 1494 of the Revised Statutes, relative to promotion, applicable to the Marine Corps; provides for loss of numbers in lieu of suspension from promotion in case of failure on professional examination; that the number of enlisted men in the Marine Corps shall be exclusive of those sentenced to discharge; for an increase in pay for the Marine Band, and prohibits competition of individuals of the Marine Band with civilian muscians.

Camps of instruction; establishment and conduct of, authorized.

Act of March 4, 1917 (64th, 2d) (39 Stat. 1168):

Discharge, enlisted men; authority to do so under certain circumstances after one year's service at sea, contained in act of August 29, 1916, repealed.

Oaths, amendment of law authorizing administration of by naval officers for purposes of naval justice and administration.

Examination and retiring boards; ordering of on foreign station.

Nurse Corps; provision made for transportation of remains of as in the case of officers and men.

Warrant officers; pay of while on shore duty during the fourth three years' service fixed at $1,750 per annum.

Pay; advance of, not to exceed three months, authorized to be made to officers ordered to and from sea duty and to from shore duty beyond the seas.

Midshipmen; number to be appointed by Secretary of the Navy from the enlisted men of the Navy increased from 25 to 100.

Naval Academy course; President authorized to reduce from four to three years for a period of two years.

Staff officers; application to, for advancement in rank, of laws relating to examination of line officers for promotion.

Dental surgeons; credit to be given in computing increased service pay and service for promotion for time served as acting or assistant dental surgeons.

Marine Corps enlisted men authorized to be designated as Navy mail clerks and assistant Navy mail clerks with expeditionary forces on shore.

Marine gunners' and quartermaster clerks assigned to foreign shore service given increased compensation allowed commissioned officers of the Marine Corps.

Marine Corps enlisted men detailed as clerks and messengers at Marine Corps headquarters allowed a 30-day furlough each year without forfeiture of pay and allowances.

Act May 22, 1917 (65th, 1st) (40 Stat. 84):

Enlisted strength, Navy, temporarily increased to 150,000, including 4,000 additional apprentice seamen.

Enlisted strength, Marine Corps, temporarily increased to 30,000.

Enlistment period during war fixed at four years, for shorter period or periods, as President may prescribe, or for period of war.

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Act of May 22, 1917 (65th, 1st) (40 Stat. 84)—Continued.
Commissioned officers, additional incident to temporary increase in enlisted strength and to supply shortage in number for permanent strength.
Computations for promotions to be made semiannually and at other times, if necessary, during war with German Government, and selection board to be convened at such times as required by exigencies of the service.
Retirement of commissioned officers temporarily advanced in grade or rank.
Promotion of second lieutenants of Marine Corps holding probationary appointments.
Additional marine gunners, quartermaster's clerks, and clerks to assistant paymasters authorized, and eight temporary clerks to assistant paymasters.
Repeals limitation on increase in number of captains in the Navy in any one year.
Repeals law authorizing retirement under certain conditions of colonels in the Marine Corps as brigadier generals.
Pay of enlisted men increased for period from June 1, 1917, until not later than six months after the termination of the present war.
Coast and Geodetic Survey; President authorized in time of national emergency to transfer to service and jurisdiction of the War or Navy Departments vessels, equipment, stations, and personnel thereof.
Medical Corps, Navy, relative position of officers of.
Admiral and vice admirals; designation of for command of fleets or subdivisions thereof; substitution for provision in act of March 3, 1915.
Canal Zone District Court given jurisdiction over offenses committed within Canal Zone under section 44 of the Criminal Code.
Staff officers; advancement to higher ranks.
Examining board records; President released of action upon in favor of Secretary of the Navy.
Extra ration authorized for deck force standing night watches during war with German Government.

Act of July 1, 1918 (65th, 2d) (40 Stat. 704):
Maintenance; special allowance for provided for officers of Navy serving under unusual conditions in foreign countries.
Medals authorized for civilians who render conspicuous service by putting their lives in jeopardy to save life or property.
Clothing, civilian; issue authorized to men given discharges for bad conduct, undesirability, or inaptitude.
National Naval Volunteers abolished and President authorized to transfer all members thereof to Naval Reserve Force.
Medical Reserve Corps; all laws relative to repealed.
Dental Reserve Corps; all laws relative to repealed.
Dental Corps; previous legislation reestablishing and reorganizing substituted.
Naval Reserve Force; legislation in act of August 29, 1916, amended.
Enlisted strength, Navy, permanently increased to 131,485 men, and temporarily increased 181,485, and President authorized during war with German Government to make a further addition of 50,000 men.
Apprentice seamen; number of temporarily increased to 24,000.
Flying Corps; enlisted men thereof temporarily increased to 10,000.
Trade schools; number of enlisted men undergoing instruction temporarily authorized at 14,000.
Enlisted strength, Marine Corps, temporarily increased to 75,500.
Private, first class, Marine Corps; rank of established, number being limited to 25 per cent of authorized number of privates.
Major general, Marine Corps; rank of established, and the appointment of one permanent and one temporary authorized.
Officers, Navy; temporary, based upon temporary enlisted strength; maximum rank of changed from lieutenant to lieutenant commander.
Officers, Marine Corps, temporary; 6 brigadier generals, 22 colonels, and 22 lieutenant colonels authorized in addition to number permanently allowed by law in those grades.
Warrant officers; age restriction removed on temporary advancement of, to commissioned ranks or grades.
Chief of Naval Operations; allowances of, made to correspond with those of general in the Army.
Admirals and vice admirals; officers so serving given allowances of general and lieutenant general in the Army, respectively.
Chiefs of bureaus, including Judge Advocate General; incumbents given same pay and allowances as corresponding Army officials.

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Act of July 1, 1918 (65th, 2d) (40 Stat. 704)—Continued.
Retiredofficers, commissioned and warrant, Navy, Marine Corps, and Coast Guard; authorized to be ordered to active duty in time of war or national emergency, and to be permanently and temporarily promoted on retired list to grade or rank not above lieutenant commander in Navy, major in Marine Corps, or captain in Coast Guard.
Sea service in grade; requirement as to, as a condition precedent to promotion waived in certain cases during war or national emergency.
Promotion by selection; law in re extended to staff corps.
Aviation duty; extra allowances for those performing, not to be allowed.
Mail clerks and assistant mail clerks; designation of enlisted men of Navy and Marine Corps as at stations and shore establishments under Navy Department authorized.
Quarters, public; Sectetary of the Navy given determination of unavailability of.
Retired enlisted men, Navy and Marine Corps; promotion of those performing active service subsequent to April 6, 1917, authorized.
Quarters; hire of during war with German Government authorized for officers attached to submarines when required to be on shore and public quarters are not available.
Coast Guard; temporary promotions of officers authorized.
Act of January 12, 1919 (40 Stat. 1054):
Marine Corps; officers serving in the Army eligible to temporary promotions therein during emergency.
Permanent status retained.
Temporary vacancies filled.
Limitation of promotion.
Act of January 12, 1919 (40 Stat. 1054):
Navy, Marine Corps, Coast Guard and midshipmen; uniforms may be purchased at cost.
Act of February 4, 1919 (40 Stat. 1056):
Navy; medals of honor.
Congressional medal of honor for conspicuous gallantry in actual conflict.
Distinguished service medal; awarded for exceptionally meritorious service in the Navy since April 6, 1917.
Navy cross—
Awarded for extraordinary heroism in naval service since April 6, 1917.
Additional pay to enlisted or enrolled men for each award.
Further pay for each bar issued as subsequent award—
Continued during active service.
Only one issue to a person.
Bar awarded for subsequent deed.
Payment of expenses.
Replacement of lost honor device—
Time limit for reissuing.
Statement of service required.
Award in case of death.
Subsequent entirely honorable service required.
Awards to persons now in service, which have been recommended.
Official records of department to govern.
Flag officers may award Navy crosses.
Regulations.
Act of February 28, 1919 (40 Stat. 1202):
Uniforms—
Retention of clothing, etc., used in war by persons honorably discharged from service.
Distinctive insignia for Coast Guard included.
Applicable to discharges since April since April 6, 1917.
Return in kind if previously restored.
Travel allowance on discharge—
Allowances to enlisted men of Army, Navy, and Marine Corps.
Sea travel.
Naval reservists released from active service included.
Conflicting laws repealed.
Act of March 3, 1919 (40 Stat. 1321):
Prisoners of war; pay to specified Army and Navy employees during captivity.
Effective from April 6, 1917.

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Act of July 11, 1919 (Public No. 8, 66th Cong.):
- Mileage and actual traveling expenses.
- Relief and disbursing officers.
- Enlistment, short term.
- Uniform gratuity to officers of United States Naval Reserve Force.
- Enlisted strength, total authorized, includes other branches such as Hospital Corps and apprentice seamen.
- Naval Reserve Force, members not to be called to active dury prior to June 20, 1920.
- Naval Reserve Force, members not to perform active duty on shore ordinarily performed by civilians.
- Civil appointment in Navy Department or Naval Establishment.
- Opportunity to qualify for civil service.
- Confirmations to be made semiannually.
- Transfer of enrolled men of Naval Reserve Force and Marine Corps Reserve to Regular Navy and Marine Corps.
- Honorably discharged, mileage home.
- Duration of war enlistment.
- Reenlistment of duration-of-war men.
- Enlistmet extended, gratuity pay.
- Commutation of quarters for dependents of officers on sea duty, ceases October 1, 1919.
- Pay, rates for enlisted men continued to July 1, 1920.
- Temporary officers transferred to same rank or grade in Regular Navy.
- Age requirements in rank of commander extended.
- Rear admiral, chief of bureau, credited with service.
- Midshipmen, increase in.
- Warrant officer on foreign shore duty.
- Enlisted men, former, who served in Naval Reserve Force, reenlisting in Regular Navy to count active reserve service.
- Warrant officers in regular establishment serving in Naval Reserve Force may revert to former warrant status.
- Naval Militia, members of, in Naval Reserve Force, not discharged form Naval Militia.
- Employees, former Government, in military service; reinstatement in former Government positions on application.
- Captains, promotion for wounds received in line of duty.
- Temporary appointments in lower grades, Marine Corps.

Act of December 24, 1919 (41 Stat. 384):
- Commutation for quarters, heat and light for dependents of officers on sea duty, continued during the present emergency.

Act of May 18, 1920 (41 Stat. 601):
- Increase of pay granted from January 1, 1920 to June 30, 1922.
- Emergency commutation quarters, heat, and light granted until June 30, 1922.
- Additional rations and commutation therefor allowed noncommissioned officers of the Marine Corps.
- Readjustment of pay of civilian professors and instructors at the United States Naval Academy.
- Honorable discharge gratuity upon reenlistment within one year from the date of discharge and not later than November 18, 1920.
- Longevity pay, credit for service.
- Transportation to be furnished families of certain officers and enlisted men upon permanent change of station.
- Special congressional committee to be appointed to investigate and report recommendations not later than first Monday in January, 1922, relative to readjustment of pay.

Act of June 4, 1920 (41 Stat. 812):
- Aviation, all monies appropriated, to be disbursed and accounted for as one fund.
- Navy Department directed to furnish statements to States and Territories, insular possessions, and District of Columbia of naval service during World War of all persons therefrom.
- Clothing and small stores fund to be charged with outfits on first enlistment.
- Summer schools for boys authorized at two permanent naval training stations.
- Organized militia to be part of the Naval Reserve until June 30, 1922.
- Special joint committee to investigate advisability of establishing, developing, and maintaining certain Pacific coast naval bases.

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Act of June 4, 1920 (41 Stat. 812)—Continued.
Six months' death gratuity restored to officers, enlisted men, and nurses of the Regular Navy and Marine Corps.
Commutation of rations increased.
Credit authorized for losses in disposing of excess stores.
Bureau of Steam Engineering changed to Bureau of Engineering.
Authorized enlisted strength of the Marine Corps permanently established at 27,400.
Transfer of temporary and reserve officers to fill existing vacancies in the Marine Corps.
Naval Reserve Force, employment on active duty authorized.
Percentage of commissioned officers on active duty not to exceed 4 per cent of the authorized enlisted strength.
Temporary appointments continued until December 31, 1921.
Disability retirement of Naval Reserve and temporary officers.
Transfer of Naval Reserve and temporary officers to permanent grades or ranks in the Navy.
Transfers and appointments of commissioned officers of the Coast Guard to permanent grades or ranks in the Navy.
Age restrictions for authorized appointments.
Gratuity of $60 to persons discharged since November 11, 1918, to reenlist in the Navy or Marine Corps.
Enlistments for terms of two, three, and four years, authorized.
Secretary of the Navy authorized to establish such grades or ratings as may be necessary.
Prohibition against unauthorized wearing of the naval uniform.
Secretary of the Navy authorized to withhold retainer pay.
Age limits for promotion deferred for one year on request.
Act of March 3, 1921 (41 Stat. 1359):
Certain acts, joint resolutions, and proclamations to be construed as if the war had ended and the present or existing emergency expired.
Act of March 3, 1921 (41 Stat. 1360):
Pay authorized to officers and enlisted men of the Navy who were employed as census enumerators.
Act of July 2, 1921 (Public Res. No. 8, 67th Cong.):
Terminating state of war with Germany and Austria.
Act of July 12, 1921 (Public No. 35, 67th Cong.):
Expenses for interned persons and prisoners of war.
Naval Reserve Force, no money to be used for training members except with their own consent.
Naval Reserve Force, retainer pay not to be paid members who fail to train as provided by law.
Commutations of rations for general court-martial prisoners authorized.
Clothing and small-stores fund to be charged with outfits on first enlistment.
Honorable discharge gratuity upon reenlistment, limited.
Commutation of rations for enlisted men and midshipmen changed.
Retirement of officers of the Naval Reserve Force and temporary officers of the Navy limited to physical disability in time of war.
Bureau of Aeronautics created—
Chief of Bureau of Aeronautics shall be appointed from officers of the Navy and Marine Corps on the active list, qualified as an aircraft pilot or observer.
Assistant chief of Bureau of Aeronautics may be selected by detail of an officer of the active list of the Navy or Marine Corps.
Number of officers and enlisted men of the Navy and Marine Corps detailed to duty in aircraft shall be determined by the Secretary of the Navy.
President authorized and requested to call a conference on limitation of armaments.
Act of August 9, 1921 (Public No. 47, 67th Cong.):
Navy Department authorized and directed to furnish facilities, including personnel, etc., to Veterans' Bureau.
Persons dishonorably discharged from naval service as a result of court-martial while insane entitled to compensation and insurance benefits.
Compensation for death or disability of any commissioned officer or enlisted man or member of Nurse Corps authorized from April 6, 1917.
Persons admitted into naval service on and after February 9, 1922, not entitled to the compensation or other benefits or privileges.

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Act of August 24, 1921 (Public No. 67, 67th Cong.):
Bestowal of Congressional Medal of Honor and distinguished service cross upon unknown unidentified American.
Act of October 22, 1921 (Public No. 83, 67th Cong.):
Readmission of certain deficient midshipmen to the United States Naval Academy.
Act of December 22, 1921 (Public Res. No. 33, 67th Cong.):
Extends time for report of special congressional committee on readjustment of pay.
Act of March 8, 1922 (Public No. 164, 67th Cong.):
Inscription of titles upon certain monuments, tablets, and other memorials.
Act of March 8, 1922 (Public Res. No. 41, 67th Cong.):
To continue the military status of deserters.

Table 69.—CORRESPONDING GRADES IN ARMY, NAVY, AND MARINE CORPS.

Navy.	Army and Marine Corps.	Navy.	Army and Marine Corps.
Admiral	General.	Commander	Lieutenant colonel.
Vice admiral	Lieutenant general.	Lieutenant commander	Major.
Rear admiral, first nine	Major general.	Lieutenant	Captain.
Rear admiral, second nine	Brigadier general.	Lieutenant (junior grade)	First lieutenant.
Commodore [1]	Do.	Ensign	Second lieutenant.
Captain	Colonel.		

[1] Retired list only.

In fixing the relative rank of officers of the Army, officers of the Navy, and officers of the Marine Corps, of the same grade and date of appointment and commission, the time which each may have actually served as a commissioned officer of the United States, whether continuously or at different periods, shall be taken into account. (Sec. 1219, R. S.)

Officers in the same grade in the Army, Navy, and Marine Corps have relative rank and precedence among themselves according to the dates, respectively, of their commissions, the senior in commission ranking the junior. (Op. Att. Gen., Oct. 7, 1905.)

RELATIVE RANK COAST GUARD OFFICERS WHEN SERVING AS PART OF THE NAVY.

Captains with and next after lieutenant commanders in the Navy.
First lieutenants with and next after lieutenants in the Navy.
Second lieutenants with and next after lieutenants (junior grade) in the Navy.
Third lieutenants with and next after ensigns in the Navy. (Secs. 1492 and 2757 R. S.)

Table 70.—ACTS RELATING TO RETIREMENT GENERALLY.

RETIREMENT, NAVAL OFFICERS.

Admiral, not except upon own application. (Act Mar. 3, 1899, 30 Stat. 1045.)
Chiefs of bureau, certain, for age or length of service, etc.; rank, etc. (Sec. 1473, R. S.; act May 13, 1908, 35 Stat. 128; act June 24, 1910, 36 Stat. 607; act Aug. 22, 1912, 37 Stat. 329.)
Commission for advanced rank when received by operation of law. (Act Mar. 4, 1911, 36 Stat. 1354.)
Credit of time for regular and volunteer service, Army and Navy, or both. (Act Mar. 3, 1883, 22 Stat. 473.)
Dental Corps, same as Medical Corps. (Act Aug. 22, 1912, 37 Stat. 345.)
Misconduct, not ground for, but on report of board shall be discharged. (Sec. 1456, R. S., and act Aug. 5, 1882, 22 Stat. 286.)
No promotion on retired list. (Act Aug. 5, 1882, 22 Stat. 286.)
On active duty, pay, etc. (Act Aug. 22, 1912, 37 Stat. 329; act Aug. 29, 1916, 39 Stat. 579.)
Pay clerks, same rights of retirement as other warrant officers. (Act June 24, 1910, 36 Stat. 606; act Mar. 3, 1915, 38 Stat. 942.)
Rank and pay next higher grade for Civil War service. (Act Mar. 3, 1899, 30 Stat. 1007; act June 29, 1906, 34 Stat. 554; act Mar. 3, 1909, 35 Stat. 753.)
Rank of commodore, because of age or length of service for certain staff officers. (Sec. 1481, R. S.)

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Rank to which entitled by seniority when failing physical examination for promotion. (Act Mar. 4, 1911, 36 Stat. 1267; not to apply in certain cases, act Aug. 29, 1916, 39 Stat. 579.)
Rank on retirement. (Sec. 1457, R. S., and (staff officers) secs. 1481 and 1482, R. S.)
Receiving vote of thanks, not except for cause until 55 years in service. (Sec. 1446, R. S.)
Rejected physically from promotion. (Sec. 1447, R. S.; act Mar. 4, 1911, 36 Stat. 1267; act Aug. 29, 1916, 39 Stat. 579.)
Special classes, on account of physical or mental disability. (Sec. 1445, R. S.)
Volunteer, after 30 years' service. (Act May 13, 1908, 35 Stat. 128.)
Voluntary to create vacancies. (Act Mar. 3, 1899, sec. 8, 30 Stat. 1007.)
When found by board incapacitated. (Secs. 1453 and 1454, R. S.)
When 64 years of age compulsory. (Sec. 1444, R. S.; act Aug. 29, 1916, 39 Stat. 579; exceptions, secs. 1445 and 1446, R. S.)
Wholly retired receive one year's pay. (Sec. 1454, R. S.)
When ineligible for promotion on account of age, certain officers, graded retirement. (Act Aug. 29, 1916, 39 Stat. 579.)
Retirement of commissioned officers temporarily advanced in grade or rank. (Act May 22, 1917, 40 Stat. 86.)
Active duty in time of war or national emergency, commissioned and warrant. (Act July 1, 1918, 40 Stat. 717.)
Promotion while on active duty. (Act July 1, 1918, 40 Stat. 717.)
Retirement of Naval Reserve Force and temporary officers for physical disability. (Act June 4, 1920; 41 Stat. 812.)
Retirement for physical disability in time of war if application filed not later than October 1, 1921. (Act July 12, 1921, Public No. 35, 67th Cong.)

RETIREMENT, MARINE CORPS.

Under Army laws. (Secs. 1622 and 1623, R. S.)
Under Navy laws, certain cases. (Acts Apr. 27, 1904, 33 Stat. 349; June 29, 1906, 34 Stat. 554.)
Law repealed authorizing retirement under certain conditions of colonels in the Marine Corps as brigadier generals. (Act May 22, 1917, 40 Stat. 87.)
Retirement of commissioned officers temporarily advanced in grade or rank. (Act May 22, 1919, 40 Stat. 86.)
Active duty in time of war or national emergency, commissioned and warrant. (Act July 1, 1918, 40 Stat. 717.)
Promotion while on active duty. (Act July 1, 1918, 40 Stat. 717.)
Promotion, retired enlisted men, while on active duty subsequent to April 6, 1917. (Act July 1, 1918, 40 Stat. 719.)
Retirement of Marine Corps Reserve Force and temporary officers for physical disability. (Act June 4, 1920; 41 Stat. 812.)
Retirement for physical disability in time of war, if application filed not later than October 1, 1921. (Act July 12, 1921, Public No. 35, 67th Cong.)

RETIREMENT, ARMY OFFICERS.

Active duty above grade of major, full retired pay. (Acts Mar. 2, 1905, 33 Stat. 831, and June 12, 1906, 34 Stat. 245.)
Active duty, certain receive full pay and allowances. (Act Apr. 23, 1904, 33 Stat. 264; act Mar. 2, 1905, 33 Stat. 831; act June 12, 1906, 34 Stat. 245.)
Active duty in time of war, receive full pay and allowances. (Act Mar. 2, 1899, 30 Stat. 979.)
All officers receive 75 per cent of pay of rank upon which retired. (Sec. 1274, R. S).
Chiefs of staff and departments. (Act Feb. 2, 1901, 31 Stat. 755.)
Commission for advanced rank when received by operation of law. (Act Mar. 4, 1911, 36 Stat. 1354.)
Detailed at educational institutions. (Sec. 1260, R. S.; act Mar. 4, 1880, 21 Stat. 113; act Nov. 3, 1893, 28 Stat. 7; act Aug. 6, 1894, 28 Stat. 235; act Feb. 26, 1901, 31 Stat. 810; act Apr. 21, 1904, 33 Stat. 225; act Mar. 3, 1909, 35 Stat. 738.)
General of Army, without reduction in current pay or allowances. (Act June 30, 1882, 22 Stat. 118.)
No increase of pay on retired list, exceptions. (Act Mar. 2, 1903, 32 Stat. 932.)
Physical disability. (Secs. 1251 and 1252, R. S.)
Rank and pay next higher grade for Civil War service. (Acts Apr. 23, 1904, 33 Stat. 264; Mar. 2, 1907, 34 Stat. 1163.)
Rank next higher grade, disability incident to service, physical failure, promotion. (Act Oct. 1, 1890, 26 Stat. 562.)

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Rank on retirement. (Sec. 1254, R. S.)
Service which shall be credited for retirement. (Act June 18, 1878, 20 Stat. 150.)
Special classes (above rank of colonel). (Sec. 1244, R. S.; act June 12, 1906, 34 Stat. 245.)
Voluntary after 40 and 30 years' service. (Sec. 1243, R. S., and act June 30, 1882, 22 Stat. 118.)
When served 45 years as commissioned officer, discretion of President. (Sec. 1244, R. S.)
When 62 years of age may be. (Sec. 1244, R. S.)
When 64 years of age shall be. (Act June 30, 1882, 22 Stat. 118.)
Wholly retired receive one year's pay and allowances of highest rank held at time of retirement. (Sec. 1275, R. S.)

Table 71.—OFFICERS WHO HAVE BEEN APPOINTED ADMIRALS AND VICE ADMIRALS.

ACTS CREATING GRADES AND OFFICERS WHO HAVE BEEN APPOINTED TO THEM.

David G. Farragut.—Appointed vice admiral December 21, 1864, under act same date. (13 Stat. p. 420.)
Appointed admiral July 25, 1866, under act same date. (14 Stat. p. 222.)
Died while on active list, August 14, 1870.
David D. Porter.—Appointed vice admiral July 25, 1866, under act same date. (14 Stat. p. 222.)
Appointed admiral August 15, 1870, to succeed Farragut, who died August 14, 1870.
Died February 13, 1891, when on active duty.
Stephen C. Rowan.—Appointed vice admiral August 15, 1870, to succeed Porter.
Died March 31, 1890, when on active list.
[Act of January 24, 1873 (17 Stat. p. 418), provides that vacancies occurring in the grades of admiral and vice admiral in the Navy of the United States shall not be filled by promotion or in other manner whatever, and that when the offices of said grades shall become vacant the grade itself shall cease to exist."
George Dewey.—Appointed admiral March 2, 1899, under act same date, "who shall not be placed upon the retired list except upon his own application, and whenever such office shall be vacated by death or otherwise the office shall cease to exist."
Act of August 29, 1916, provides that "Hereafter the Chief of Naval Operations, while so serving as such Chief of Naval Operations, shall have the rank and title of admiral, to take rank next after the Admiral of the Navy, and shall, while so serving as Chief of Naval Operations, receive the pay of $10,000 per annum and no allowances * * *." Act of July 1, 1918, provides "That hereafter the Chief of Naval Operations shall receive the allowances which are now or may hereafter be prescribed by or in pursuance of law for the grade of general in the Army, and the officers of the Navy holding the rank and title of admiral and vice admiral in the Navy, while holding such rank and title, shall receive the allowances of a general and lieutenant general of the Army, respectively * * *."
Act of May 22, 1917, provides "That the President be, and he is hereby, further authorized to designate six officers of the Navy for the command of fleets or subdivisions thereof, and, after being so designated, from the date of assuming such command until relinquishing thereof, not more than three of such officers shall each have the rank and pay of an admiral, and the others shall each have the rank and pay of a vice admiral; and the grades of admiral and vice admiral are hereby authorized and continued for the purpose of this act: *Provided*, That in time of war the selections under the provisions of this section shall be made from the grades of rear admiral or captain on the active list of the Navy: *Provided further*, That the pay of an admiral shall be $10,000 and the pay of a vice admiral $9,000 per annum: *Provided further*, That in time of peace officers for the command of fleets and subdivisions thereof, as herein authorized, shall be designated from among the rear admirals on the active list of the Navy: *Provided further*, That nothing herein contained shall create any vacancy in any grade in the Navy or increase the total number of officers authorized by law: *Provided further*, That when an officer with the rank of admiral or vice admiral is detached from the command of a fleet or subdivision thereof, as herein authorized, he shall return to his regular rank in the list of officers of the Navy and shall thereafter receive only the pay and allowances of such rank: *And provided further*, That nothing in this act shall be held or reconstrued as amending or repealing the provisions of sections fourteen hundred and thirty-four, fourteen hundred and sixty-three, and fourteen hundred and sixty-four of the Revised Statutes of the United States."

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Table 72.—DEPTHS OF HARBORS AT NAVY YARD PORTS.

(Revised by Coast and Geodetic Survey, January, 1922.)

Names.	Established.	Water at yard.[1]		Width of channel in front of yard.	Controlling depth to sea.	
		High water.	Mean low water.		High water.	Mean low water.
		Feet.	*Feet.*	*Feet.*	*Feet.*	*Feet.*
Boston	1901	41.6 to 47.6	32 to 38	1,200	44	35.
Portsmouth	1880	40 to 74	32 to 66	540 to 1,200	44.7	36.
New York	1801	37 to 59	33 to 55	Width of channel from Ordnance dock to 30-foot curve on west side of East River is 1,500 feet.	37	33.
Philadelphia	1868	34.4 to 40.4	29 to 35	1,550 to 1,800.	35.4	30.
Washington	1800	26.9 to 30.9	24 to 28	1,080	22.9	20.
Norfolk	1801	37.8 to 42.8	35 to 40	600 to 800	40	37.5.
Charleston	1901	26.2 to 40.2	21 to 35	800 to 1,000	35.2	30.
Pensacola	1826	19.4 to 46.4	18 to 45	1,100, 30-foot channel; 4,700 to 6,300 18-foot channel.	31.3	30.
Mare Island	1854	25.9 to 40.9 M.H.H.W.	19 to 34	750 to 1,000	38.5 M.H.H.W.	32.
Puget Sound	1891	38.5 to 61.5 M.H.H.W.	25 to 48, Harmonic tide plane.	3,750	74.5	51, Harmonic tide plane.
Narragansett Bay	1908	20.6 to 147	17 to 144	6,800 west of training station and north of Rose Island.	West passage, 25.9; east passage, 51.6 or 85.6.	West passage, 22; east passage, 48 or 82.
New London	1878	26.5 to 51.5	24 to 49	450 to 550	29.5	27.
Port Royal	1883	28 to 39	21 to 32	1,600	27.5	21.
Key West	1832	25 to 31	24 to 30	About 750 to 24-foot curve.	31.2	30 main channel.
New Orleans	1849	51 to 106	39 to 94, mean annual lowest water.	2,000	20.2 32.1	19 at Southwest Pass (Sept. 1921). 31 at South Pass (Sept. 1921).
Guantanamo	1903	31.2 to 47.2 in anchorage.	39 to 46, mean of lowest tides; in anchorage	3,000 to 5,400 between 30-foot curves in anchorage.	30.2 from station wharf, 47.2 from anchorage.	29 from station wharf, mean of lowest tides. (H. O. chart 2644). 46 from anchorage.
San Juan	1898	29.1 to 35.1	28 to 34	1,148	30.1	29.
Sitka	1867	29.8 to 48.8	20 to 39 M.L.L.W.	230	30.8 northwest channel; 42.8 east channel.	21 northwest channel; 33 east channel, M.L.L.W.
Honolulu	1899	33.8 to 41.8	32 to 40 M.L.L.W.	1,200	38.6	37 M.L.L.W.
Pearl Harbor	1908	36.8 to 48.8	35 to 47 M.L.L.W.	750 to 1,500	36.8	35.
Guam	1898	[2]		Open roadstead.	Open roadstead.	Open roadstead.
Tutuila	1900	33 at steel wharf.	30 at steel wharf	1,500	145.5 M.H.W.	143 M.L.W. (H.O. chart 2563).
Cavite	1898	24.8 to 35.8 M.H.H.W.	21 to 32 M.L.L.W.	600 feet between 21-foot curves.	28.8 M.H.H.W.	25 M.L.L.W.
Polloc	1898	41.6 to 59.6, M.H.H.W. in approach to wharf; 65.6 to 125 M.H.H.W. in anchorage.	36 to 54 M.L.L.W. in approach to wharf; 60 to 120 M. L. L. W. in anchorage	200 in approach to wharf.	125 M. H. H. W.	120 M.L.L.W.

[1] These depths show the water in the channel or anchorage in front of the yards. The depths at the wharves are not given, and authorities at the yard should be consulted for information.

[2] Latest survey made by the Navy is confidential.

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Table 72.—**DEPTHS OF HARBORS AT NAVY YARD PORTS**—Continued.

Names.	Established.	Water at yard.		Width of channel in front of yard.	Controlling depth to sea.	
		High water.	Mean low water.		High water.	Mean low water.
		Feet.	*Feet.*	*Feet.*	*Feet.*	*Feet.*
Olongapo....	1903	26.8 to 44.8 M.H.H.W. in inner basin; 51 to 87 M.H.H.W. in anchorage.	24 to 42 M.L.L.W. in inner basin; 48 to 84 M. L. L. W. in anchorage.	300 to inner basin.	57 M.H.H.W. from inner basin.	54 M.L.L.W. from inner basin.
Cebu.....	1898	35 to 77 M. H. H. W.	30 to 72 M.L.L.W.	650 to 1,700 between 30-foot curves.	41 M.H.H.W. in northeast approach; 44 M.H.H.W. in southwest approach.	36 M.L.L.W. in northeast approach; 39 M.L.L.W. in southwest approach.
Isabela.....	1898	38.2 to 61.2, M.H.H.W.	36 to 59 M.L.L.W.	650 to 1,000 between 30-foot curves.	38.2 M.H.H.W. in northeast approach; 54.2 in west approach.	36 M.L.L.W. in northeast approach; 52 M.L.L.W. in west approach.
Culebra.....	1904	23 to 44.....	22 to 43.....	2,200.....	29.....	28.

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	Mare Island.	Astoria.	Puget Sound.	Pearl Harbor.	Guam.	Tutuila.	Cavite.	Olongapo.
Portsmouth	5,488	6,028	6,241	6,905	10,200	7,933	11,567	11,579
Boston	5,468	5,979	6,221	6,885	10,180	7,910	11,547	11,559
Newport	5,340	5,882	6,092	6,756	10,051	7,781	11,318	11,330
New London	5,305	5,931	6,057	6,721	10,100	7,830	11,367	11,379
New York	5,280	5,796	6,038	6,702	10,005	7,673	11,364	11,376
Philadelphia	5,257	5,778	6,010	6,674	9,977	7,699	11,336	11,348
Washington	5,251	5,752	6,002	6,666	9,969	7,637	11,296	11,308
Quantico	5,216	5,717	5,667	6,631	9,934	7,602	11,261	11,273
Norfolk	5,090	5,601	5,843	6,507	9,810	7,478	11,169	11,181
Charleston	4,875	5,386	5,628	6,292	9,595	7,263	10,954	10,966
Key West	4,375	4,987	5,129	5,793	9,096	6,764	10,455	10,467
Guantanamo	4,007	4,518	4,760	5,424	8,727	6,395	10,086	10,098
Pensacola	4,655	5,191	5,436	6,072	9,371	7,068	10,759	10,771
New Orleans	4,687	5,232	5,444	6,127	9,421	7,133	10,789	10,802
Panama	3,268	3,779	4,030	4,685	7,988	5,656	9,347	9,359
San Diego	475	983	1,178	2,278	5,350	4,195	7,045	7,059
San Pedro	380	900	1,081	2,228	5,253	4,163	6,530	6,544
Mare Island		583	815	2,114	5,076	4,183	6,244	6,127
Astoria	583		281	2,249	5,583	4,522	7,321	7,333
Puget Sound	815	281		2,409	4,951	4,685	5,969	5,919
Pearl Harbor	2,114	2,249	2,409		3,337	2,276	4,767	4,779
Guam	5,076	5,583	4,951	3,337		3,080	1,501	1,513
Tutuila	4,183	4,522	4,685	2,276	3,080		4,505	4,517
Cavite	6,244	7,321	5,969	4,767	1,501	4,505		62
Olongapo	6,194	7,333	5,919	4,779	1,513	4,517	62	

	Fort Worth.	South Charleston.	Great Lakes.	San Diego.	San Pedro.	Mare Island.	Astoria.	Puget Sound.
Portsmouth	1,994	903	1,126	3,412	3,321	3,370	3,443	3,332
Boston	1,937	846	1,069	3,355	3,264	3,313	3,386	3,275
Newport	1,932	773	1,112	3,356	3,270	3,356	3,421	3,318
New London	1,899	740	1,072	3,364	3,237	3,316	3,367	3,278
New York	1,773	614	947	3,231	3,111	3,191	3,262	3,170
Philadelphia	1,681	522	856	3,140	3,019	3,100	3,170	3,062
Washington	1,612	387	825	3,060	2,950	3,069	3,040	3,048
Quantico	1,577	399	860	3,042	2,985	3,104	3,165	3,083
Norfolk	1,450	456	1,001	3,171	3,063	3,245	3,242	3,202
Charleston	1,162	707	1,064	2,893	2,805	3,119	3,551	3,269
Parris Island	1,140	790	1,149	2,808	2,503	3,034	3,197	3,184
Key West	1,681	1,378	1,656	3,228	3,137	3,622	3,787	3,848
Pensacola	790	849	947	2,334	2,246	2,728	3,090	3,101
New Orleans	547	944	947	2,088	2,003	2,482	2,825	2,952
Fort Worth		1,160	1,040	1,554	1,427	1,902	2,278	2,500
South Charleston	1,160		532	2,734	2,608	2,767	2,849	2,704
Great Lakes	1,040	532		2,382	2,265	2,314	2,389	2,276
San Diego	1,554	2,734	2,382		127	602	1,356	1,454
San Pedro	1,427	2,608	2,265	127		506	1,229	1,325
Mare Island	1,902	2,767	2,314	602	506		842	974
Astoria	2,278	2,849	2,389	1,356	1,229	842		283
Puget Sound	2,500	2,701	2,276	1,454	1,325	974	283	

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Table 74.—UNITED STATES NAVAL DOCKS.

[Corrected to Nov. 26, 1921.]

Yard or station.	Dock No.	Kind.	Material of which dock is constructed.	Class of maximum ship capable of being docked.	General dimensions.								
					Body of dock.						Entrance.		
					Length coping head to side of caisson.	Overhang of caisson from face of sill.	Length on floor head to outer sill.	Width at coping	Width top of keel blocks.	Depth mean high water to keel blocks.	Width at coping.	Governing width 6 feet above sill.	Depth mean high water to sill.
					Ft. in.	Ft. in.	Ft. in.	Ft. in.	Ft. in.	Ft. in.	Ft. in.	Ft. in.	Ft. in.
Portsmouth	2	Graving dock.	Granite and concrete	Utah	740 10½	10 0	728 10½	130 0¼	[1] 96 8½ [2] 92 8½	30 0 28 6	101 9	91 5	30 4
Boston	1	....do....	Granite	Baltimore	373 11½	8 1½	357 1	86 1½	[1] 56 2½ [2] 48 2½	22 0½ 19 3	60 3	46 10¾	25 1
Do	2	....do....	Granite and concrete	Utah	738 1	9 11	729 0	114 0	[1] 86 0 [2] 82 0	30 0	101 8½	91 4½	30 0
South Boston	1	....do....	....do....	Constitution	1,175 11½	12 0¾	1,170 10½	149 0	125 0	42 3½	133 0	121 9	44 9½
New York	1	....do....	Granite	Monterey	349 1½	8 2½	326 3⅝	98 1½	56 1½	21 0⅝	67 1¼	47 6	25 6
Do	2	....do....	Concrete	Missouri	447 8¾	9 4	437 0	112 10⅜	74 9	24 3½	89 3	75 6	24 11½
Do	3	....do....	Wood and concrete	Minnesota	656 4	11 10¼	624 9½	150 10¼	72 2	27 4½	105 4½	77 0¾	29 8¼
Do	4	....do....	Concrete and brick, granite sills and coping.	Washington	694 6	8 6	694 9	139 6	112 0	32 11½	120 3½	112 0	35 5½
Philadelphia	1	....do....	Wood and concrete	Minneapolis	491 7¼	9 0	459 10½	131 8½	58 7⅜	23 4½	86 0½	58 11¼	25 6
Do	2	....do....	Concrete and granite	Utah	744 6⅜	10 0	725 10½	140 2⅜	97 0⅜	30 2¼	102 7¼	91 10	30 2¼
Do	3	....do....	....do....	Constitution	1,011 4	10 8	1,005 0	142 0	118 0	39 11½	127 6½	116 2¼	43 5½
Norfolk	1	....do....	Granite	Cheyenne	324 0½	8 4½	326 5¼	86 3½	56 1½	20 8½	60 0½	.....	25 1½
Do	2	....do....	Wood and concrete	Minneapolis	490 4½	9 7½	481 8	130 4	57 0	24 10⅜	85 0	58 8	25 6⅜
Do	3	....do....	Granite and concrete	Washington	722 11	9 1	732 0	136 0	98 1⅜	31 0¾	112 5½	101 0	34 0¾
Do	4	....do....	....do....	Constitution	1,011 4	10 8	1,005 0	144 0	118 0	40 3	127 1½	116 2¼	43 9
Do	6	....do....	....do....	Monterey	465 0	6 0	471 0	76 8½	64 3½	18 10	67 0¾	62 1½	20 0
Do	7	....do....	....do....	....do....	465 0	6 0	471 0	76 8¼	64 3½	15 10	67 0¾	62 1½	20 0
Charleston	1	....do....	....do....	Utah	566 7½	9 0	548 0	134 0	96 2	31 1	113 0¾	98 10½	34 1
Mare Island	1	....do....	....do....	Charleston	507 11¾	9 0	459 1¾	122 0	45 0	[1] 27 0½ [2] 25 9	80 8¾	61 0	26 3
Do	2	....do....	....do....	North Dakota	740 4½	11 9	729 10½	120 0	88 0	28 9½	101 11	92 3½	30 3½
Puget Sound	1	....do....	Wood body, masonry entrance.	Michigan	639 5	11 1	618 7¾	130 1½	73 0	28 0½	92 8½	75 3	30 0
Do	2	....do....	Granite and concrete	Indiana	809 4	10 6	788 0	145 0	113 0	35 0	123 9	114 4	38 0
Do	3	....do.[3]	....do....	Omaha	927 3	7 9	935 0	130 0	132 0	18 0	130 0	110 6	23 6
Pearl Harbor	1	....do....	Granite and concrete and steel.	Constitution	1,001 10	8 6	1,008 0	138 0	114 0	32 6	123 0	114 0	35 0
New Orleans	.....	Floating	Steel	Vermont	525 0	.....	.....	100 0	.....	28 0	.....	.....	.....
Olongapo	.....	....do....	....do....	Delaware	500 0¾	.....	.....	99 10½	.....	30 0	.....	.....	.....
Hunters Point	2	Graving dock.	Concrete and granite	Michigan	740 0	10 0	726 0	122 0	80 9	26 8	103 2½	89 0	29 0
Do	3	....do....	....do....	Constitution	1,004 7	13 8	1,012 9	153 0	114 10½	37 7	134 0	114 4	40 0
Balboa	1	....do....	....do....	....do....	1,044 0	.....	1,102 8¼	143 0	114 6	41 6	110 0	108 6	46 0

[1] Maximum. [2] Minimum. [3] Shipbuilding dock.

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Table 74.—UNITED STATES NAVAL DOCKS—Continued.

Yard or station.	Dock No.	History of construction.			Channel from dockyard to sea.				
		Date of commencement.	Date completed.	Cost to date of completion.	Mean rise and fall of tide.	Controlling depth, yard to sea, mean low water.	Controlling width yard to sea.	Maximum draft naval vessel for channel at mean low water, 12-inch clearance under keel.	Maximum draft naval vessel for channel at mean high water, 12-inch clearance under keel.
					Feet.	*Feet.*	*Feet.*		
Portsmouth	2	1899	1906	$1,134,995.39	8.0	36	500	Largest contemplated	Largest contemplated.
Boston	1	1827	1833	972,717.29	9.6	35	1,200	do	Do.
Do	2	1899	1905	1,100,000.00	9.6	35	1,200	do	Do.
South Boston		1914	1919	4,550,000.00	9.8	35	1,200	do	Do.
New York	1	1841	1851	2,008,498.05	4.2	31	500	Idaho	Do.
Do	2	1887	1901	1,191,821.76	4.2	31	500	do	Do.
Do	3	1893	1897	554,707.08	4.2	31	500	do	Do.
Do	4	1905	1913	2,745,454.29	4.2	31	500	do	Do.
Philadelphia	1	1889	1891	548,700.00	5.9	30	600	Pennsylvania	Do.
Do	2	1899	1908	1,471,550.67	5.9	30	600	do	Do.
Do	3	1917	1921	6,300,000.00	5.9	30	600	do	Do.
Norfolk	1	1827	1834	943,676.00	2.8	35	400	Largest contemplated	Do.
Do	2	1887	1889	504,980.76	2.8	35	400	do	Do.
Do	3	1903	1911	1,761,475.79	2.8	35	400	do	Do.
Do	4	1917	1920	4,807,555.99	2.8	35	400	do	Do.
Do	6	1918	1920	675,000.00	2.8	35	400	do	Do.
Do	7	1918	1920	675,000.00	2.8	35	400	do	Do.
Charleston	1	1902	1908	1,250,000.00	5.2	30	600	Pennsylvania	Do.
Mare Island	1	1872	1891	2,772,332.08	4.8	30	500	do	Do.
Do	2	1899	1910	1,679,655.80	4.8	30	500	do	Do.
Puget Sound	1	1892	1896	744,636.33	7.8	40	1,000	Largest contemplated	Do.
Do	2	1908	1913	2,300,000.00	7.8	40	1,000	do	Do.
Do	3	1917	1918	514,129.56	7.8	40	1,000	do	Do.
Pearl Harbor	1	1909	1919	5,356,675.49	1.5	35	500	do	Do.
New Orleans		1899	1902	809,712.52		28	200	Delaware	Delaware.
Olongapo		1903	1905	1,170,792.68	4.0	55	2,500	Largest contemplated	Largest contemplated.
Hunters Point	2	1901	1903		4.6	45	1,000	do	Do.
Do	3	1916	1919	1,083,702.00	4.6	45	1,000	do	Do.
Balboa	1								Do.

[4] Rebuilt in 1899–1901 at a cost of $596,802.52. Original cost, $595,019.24.

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Table 75.—UNITED STATES NAVAL MARINE RAILWAYS.

Location.	Capacity (long tons).	Cradle.								
		Material.	Length over all.	Length on keel blocks.	Draft, outboard position.		Width over all.	Width clear.	Speed per minute.
					Aft.	Fore.			
			Ft. in.	*Ft. in.*	*Ft. in.*	*Ft. in.*	*Ft. in.*	*Ft. in.*	*Ft. in.*
Boston, Mass	2,000	Timber	363 0	332 0	18 0	14 6	52 6	42 0	9 0
Cape May, N. J	500	...do	172 6	160 0	15 6	13 10	34 6	26 0	12 0
Cavite No. 1[1]	300	...do							
Cavite No. 2[1]	100	...do							
Cavite No. 3[1,2]	40	...do							
Cavite No. 4[1,2]	40	...do							
Cavite No. 5[1]	125	...do							
Charleston, S. C	2,000	Steel	363 0	332 0	18 0	14 6	52 6	42 0	12 0
Great Lakes, Ill	90	...do	110 0	104 0	7 0	6 0	26 0	20 0	[3]
Guantanamo, Cuba	500	Timber	109 0	101 0	14 10	9 3	32 0		
Key West, Fla	750	Steel	177 0	161 0	14 11⅛	13 11⅛	42 0	32 0	[3]
Newport, R. I	90	...do	110 0	104 0	7 0	6 0	26 0	20 0	[3]
Pearl Harbor, Hawaii	2,500	...do	363 0	332 0	18 0	14 6	52 6	42 0	10 0
San Diego, Calif	2,500	...do	363 0	332 0	18 0	14 6	52 6	42 0	12 0
San Juan, P. R	6								
Washington, D. C	500								

Location.	Runway.									
	Number.	Material.	Length.	Gauge.	Slope.	Roller path width.	Hauling chains.		Rollers.	
							Number.	Diameter.	Diameter.	Length.
			Ft. in.	*Ft. in.*		*In.*		*In.*	*In.*	*In.*
Boston, Mass	3	Timber	652 0	2@15 0	⅞ : 1-0	1@12 2@41½			3¾	5
Cape May, N. J	2	....do	520 0	15 0	⅞ : 1-0	5	4	2⅜	4	12½
Cavite No. 1[1]	2	....do					1	2¼	3	5½
Cavite No. 5[1]	4						(4)			
Charleston, S. C	2	Timber	729 0	16 0	⅜ : 1-0	10	4	2½	4	10½
Great Lakes, Ill	2	Portable timber	350 0	8 0	½ : 1-0	3½	5 1	5 ¼	3	4
Guantanamo, Cuba	2	Timber	322 0	12 0	1 : 10	5			3¼	5
Key West, Fla	2	....do	647 0	12 0	1 : 18	6	2	2	5	6½
Newport, R. I	2	Portable timber	350 0	8 0	⅞ : 1-0	3½	5 1	5 ¼	3	4
Pearl Harbor, Hawaii	2	Concrete and timber.	738 0	16 0	⅞ : 1-0	10	4	2¼ 2⅜	4	10½
San Diego, Calif	2	Timber	700 0	16 0	⅞ : 1-0	10	4	2¼	4	10½
San Juan, P. R	.....	.....	65 0	.....	.....	.....	.....	.....	.....	.....
Washington, D. C	.....	.....	493 0	20 0	.....	.....	.....	.....	.....	.....

Location.	Machinery.	Machinery housing.	Cost.	Cost per ton.
Boston, Mass	200-horsepower electric motor	Existing yard building	$193,059.61	$96.50
Cape May, N. J	65-horsepower steam engine	Timber 25 by 23 feet	110,000.00	220.00
Cavite No. 1[1]	(6)			
Cavite No. 2[1]	(6)			
Cavite No. 3[1,2]	(6)			
Cavite No. 4[1,2]	(6)			
Cavite No. 5[1]	(6)			
Charleston, S. C	200-horsepower electric motor	Reinforced concrete 26 by 28 feet	192,012.20	96.00
Great Lakes, Ill	Winch, hand operated	None	11,750.00	130.80
Guantanamo, Cuba			10,182.05	20.36
Key West, Fla	Steam engine, 11 by 14 inches	Concrete, 32 by 22 feet	32,452.09	43.27
Newport, R. I	Winch, hand operated	None	11,750.00	130.80
Pearl Harbor, Hawaii.	250 horsepower electric motor	Concrete, 26 by 28 feet	298,720.00	119.50
San Diego, Calif	....do	Concrete, 28 by 28 feet	412,542.00	165.00
Washington, D. C	2 50 horsepower electric motors.	Brick, 30 by 22 feet		

[1] Poor condition.
[2] For steam cutters.
[3] Varies.
[4] Chain pull, manila backhauls.
[5] Wire rope.
[6] All five railways operated by same steam engine.

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Table 76.—PANAMA CANAL.

Christopher Columbus was here on his fourth voyage, in 1502. It was in 1513 that Balboa crossed the Isthmus and discovered the Pacific Ocean, and it was one of Balboa's companions who first broached the idea of cutting a canal. Reports and projects surveys, and concessions followed through the centuries, but the first actual work on the canal was started by the French on January 20, 1882. American occupation of the Canal Zone began on May 4, 1904, and the first ocean steamer passed through the canal on August 3, 1914. On August 15, 1914, the canal was informally opened to commerce.

On April 1, 1914, the organization for the operation and maintenance of the canal and the government of the Canal Zone was established by the President in conformity with the provisions of the Panama Canal act of August 24, 1912.

The canal was built at the narrowest part but one of the Isthmus, and the saddle through which it crosses the continental divide was originally about 400 feet above sea level. The Isthmus lies here on a northeast to southwest axis and the canal, crossing almost at right angles to the axis, runs from northwest to southeast. The Atlantic entrance is west of the Pacific.

The canal extends at sea level from its starting point in Limon Bay to Gatun, 5.77 nautical miles. At Gatun the sea-level section ends in a flight of three pairs of locks, forming the steps to Gatun Lake, with its normal elevation 85 feet above the sea.

Gatun Lake was formed by damming the Chagres Valley, and excess water, wasted through the spillway, finds its way to sea through the old course of the lower Chagres.

The canal proceeds up the valley of the Chagres 20.55 miles to Gamboa, and in this section relatively little excavation was required. At Gamboa begins the real drive through the divide, the famous Culebra Cut. It is 6.97 nautical miles (about 8 statute miles) long, 300 feet wide at bottom and extends to Pedro Miguel Lock and Dam, on the Pacific slope of the divide. Here one lock lowers the ship to Miraflores Lake, a small body about a mile long, with its surface 55 feet above the sea. At the south end of this lake are Miraflores Locks, which, in two steps, lower the ship to the Pacific. A sea-level channel 7 miles long carries past Balboa and out into the Pacific.

The Panama Railroad extends between Colon and Panama on the eastern side of the canal. A branch line extends from Pedro Miguel to Las Cascades, crossing the canal on a swinging pontoon bridge at Paraiso. The railroad formerly followed the course of the Chagres from Gatun to Gamboa, and was for the most part on the west side of the route of the canal. With the building of the canal, which involved the formation of Gatun Lake and flooding the lower Chagres Valley, and made it desirable to have the main line on only the eastern side of the channel, it was necessary to relocate the railroad throughout practically its whole length. The railroad was first built by an American company in the years 1850 to 1855.

Distance from nearest canal terminal in nautical miles.

Boston	2,157	Sitka	4,547
New York	1,974	Vancouver	4,032
Habana	1,003	San Francisco	3,245
New Orleans	1,403	Acapulco, Mexico	1,426
Key West	1,065	La Union, Salvador	748
Kingston	551	Buenaventura, Colombia	356
Vera Cruz	1,420	Galapagos Islands	864
St. Thomas	1,029	Callao	1,346
Liverpool	4,548	Antofagasta	2,140
Hamburg	5,070	Valparaiso	2,616
Gibraltar	4,343	Punta Arenas, Chile	3,943
Naples	5,325	Honolulu	4,685
Constantinople	6,166	Manila	9,347
Guantanamo Bay	696	Yokohama	7,682
La Guaira	841	Hongkong	9,195
Para	2,354	Wellington, New Zealand	6,505
Pernambuco	3,458	Sydney, Australia	7,674
Rio de Janeiro	4,597	Tahiti	4,486

Between New York and San Francisco the distance of 13,135 miles by way of the Strait of Magellan has been reduced to 5,262 miles by the canal, a reduction of three-fifths.

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STATISTICS.

Length of canal, deep water to deep water, 43.84 nautical miles.
Length of sea-level sections, 12.76 nautical miles.
Length of sections of lakes and locks, 31.08 nautical miles.
Distance by air between original shores, 34 statute miles.
Latitude and longitude of Atlantic end, 9° 23′ N. by 79° 56′ W.
Latitude and longitude of Pacific end, 8° 54′ N. by 79° 32′ W.
Width of channel in sea-level sections, 500 feet.
Width in Gatun Lake section, 500 to 1,000 feet.
Width in cut (bottom), 300 feet, 600 feet at north approach to Pedro Miguel Lock.
Width across cut, between outer edges of slides at widest point, about 3,000 feet.
Width of lock chambers, 110 feet.
Length of lock chambers, 1,000 feet.
Height of walls, approximately, 50 to 81 feet.
Width of center walls, 60 feet.
Number of lock gates, 46. Number of leaves in lock gates, 92.
Length of each lock gate leaf, 65 feet. Thickness of leaf 7 feet.
Height of lock operating gate leaves, 64 feet 8 inches to 82 feet.
Height of guard gates, 47 feet 4 inches.
Weight per leaf, 390 to 730 tons; of all leaves, 60,000 tons.
Concrete used in the locks, 4,500,000 cubic yards.
Length of Gatun Locks, overall, 5,490 feet.
Depth of water in Atlantic section, 41 feet at mean tide.
Depth of water in Pacific section, 45 feet at mean tide.
Depth of water in lake and cut sections, 45 to 85 feet.
Elevation of bottom of cut above sea level, 40 feet.
Total excavation from canal channel to January 1, 1922, approximately 260,950,715 cubic yards.
Total excavation from cut to January 1, 1922, approximately 41,993,235 cubic yards.
Total excavation by French, useful in American canal, 27,708,000 cubic yards.
Additional excavation attributed to slides, 40,000,000 cubic yards.
Area of Gatun Lake at elevation 85 feet, 164 square miles.
Area of Gatun Lake watershed, 1,320 square miles.
Average time required for transit of canal, 8 hours.
Area of Miraflores Lake at elevation 55 feet, 1.88 square miles.
Length of Gatun Dam, 1½ miles.
Width of Gatun Dam at bottom, ½ mile.
Width of Gatun Dam at top, 100 feet.
Elevation of top of Gatun Dam, 105 feet.
Fill placed in building Gatun Dam, 22,958,069 cubic yards.
Width of spillway discharge channel, 285 feet.
Length of spillway dam, 808 feet.
Capacity for discharge of the 14 gates of spillway, 187,572 cubic feet per second.
Length of Panama Railroad, Colon–Panama, 47.61 miles.
Highest point above sea level on railroad, 271 feet.
Construction cost of canal to June 30, 1921, approximately $368,543,271.95.
Value acquired from French, $42,799,826.
Value of excavation by French, $25,389,240.
Number of vessels which have used canal to January 1, 1922, 14,486.
Aggregate cargo carried by above, 55,560,913 tons.

THE LOCKS.

There are six double locks in the canal, three pairs in flight at Gatun, with a combined lift of 85 feet; one pair at Pedro Miguel, with a lift of 30½ feet; and two pairs at Miraflores, with a combined lift of 54½ feet at mean tide. The dimensions of all are the same—a usable length of 1,000 feet and a usable width of 110 feet. Each lock is a chamber, with walls and floor of concrete and water-tight gates at each end.

OTHER INFORMATION.

No vessel is permitted to enter or pass through the locks under its own power. Electricity is used to tow all vessels into and through the locks and to operate all gates and valves, power being generated by water turbines from the head created by Gatun Lake.

The entire length of the canal from deep water in the Atlantic to deep water in the Pacific is about 50 miles. Its length on land is about 41½ miles.

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In passing through from the Atlantic to the Pacific, a vessel enters a channel with a bottom width of 500 feet in Limon Bay, follows this for about 7 miles to Gatun, where it enters a series of three locks in flight and is lifted 85 feet to the level of Gatun Lake. It can sail at full ocean speed through this lake, in a channel varying from 1,000 to 500 feet in width, for a distance of about 24 miles, to Bas Obispo, where it enters the Gaillard Cut. It then sails through the cut, a distance of about 9 miles, in a channel with a bottom width of 300 feet, to Pedro Miguel. There it enters a lock and is lowered 30⅓ feet to a small lake at an elevation of 54⅔ feet above sea level, and sails through this for about 1½ miles to Miraflores. There it enters two locks in series and is lowered to sea level, passing out into the Pacific through a channel about 8¼ miles in length, with a bottom width of 500 feet. The depth of the approach channel in the Atlantic side, where the tidal oscillation does not exceed 1¼ feet, is 41 feet at mean tide; and on the Pacific side, where the maximum oscillation is 23 feet, the depth is 45 feet at mean tide.

The following statement shows the appropriations thus far made by Congress for the fortification of the Panama Canal:

Appropriations to June 30, 1918		$29,950,572.30
Deficiency act, July 8, 1918	$72,820.70	
Fortifications act, July 8, 1918	2,025,788.85	
Deficiency act, Mar. 4, 1918	358,866.00	
Fortifications act, Mar. 3, 1919	4,523,849.00	
Fortifications act, May 21, 1920	1,985,534.00	
Fortifications act, Mar. 3, 1921	619,250.00	
		9,586,108.55
Total		39,536,680.85

The tolls collected on vessels transiting the Panama Canal during the calendar year 1921 amount to $11,261,098. The amount of tolls collected since the opening of the Canal is $50,432,075.08.

The following table shows the operations of the Panama Canal dry docks during the fiscal year 1921:

Vessels docked.

	Number.	Tonnage.
Panama Canal	54	.....
Other departments of Government	54	75,832
Commercial	76	283,386

The amount of coal used on the Isthmus during the fiscal year 1921, including sales to commercial and Government vessels, was 468,815 tons, as compared with 558,149 tons during the fiscal year 1920.

The following table shows the amount of fuel oil handled on the Isthmus during fiscal year 1921:

	Balboa.	Mount Hope.	Total.
Number of barrels received by the Panama Canal	547,801	314,625	862,426
Number of barrels used by the Panama Canal	266,477	93,322	359,799
Number of barrels pumped for individuals and companies	1,954,393	2,611,391	4,565,784
Number of barrels sold by the Panama Canal	180,636	88,746	269,380
Number of barrels representing miscellaneous transfers on tank farm	66,150	169,450	235,602
Total number of barrels handled	3,015,457	3,277,534	6,292,991
Number of ships handled, including Panama Canal craft	554	791	1,345

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Summary of commercial traffic through the Panama Canal during the fiscal year 1921 and since its opening to the commercial traffic.

	Atlantic to Pacific.				Pacific to Atlantic.				Total.			
	Vessels.	Canal tonnage.		Tons of cargo.	Vessels.	Canal tonnage.		Tons of cargo.	Vessels.	Canal tonnage.		Tons of cargo.
		Gross.	Net.			Gross.	Net.			Gross.	Net.	
Fiscal year ending June 30, 1915....	522	2,657,865	1,860,276	2,070,993	553	2,758,922	1,932,296	2,817,461	1,075	5,416,787	3,792,572	4,888,454
Fiscal year ending June 30, 1916....	396	1,912,846	1,277,728	1,369,019	362	1,683,683	1,118,434	1,725,095	758	3,596,529	2,396,162	3,094,114
Fiscal year ending June 30, 1917....	874	4,170,733	2,819,848	2,929,260	929	4,360,088	2,978,709	4,129,303	1,803	8,530,821	5,798,557	7,058,563
Fiscal year ending June 30, 1918....	915	3,938,042	2,736,542	2,639,300	1,154	5,433,297	3,837,531	4,892,731	2,069	9,371,339	6,574,073	7,532,031
Fiscal year ending June 30, 1919....	857	3,458,417	2,673,958	2,740,254	1,167	4,418,186	3,451,032	4,176,367	2,024	7,876,603	6,124,990	6,916,621
Fiscal year ending June 30, 1920....	1,180	5,391,567	4,168,873	4,092,516	1,298	5,668,252	4,377,171	5,281,983	2,478	11,059,819	8,546,044	9,374,499
Fiscal year ending June 30, 1921....	1,471	7,287,556	5,740,902	5,892,078	1,421	7,234,859	5,674,974	5,707,136	2,892	14,522,415	11,415,876	11,599,214
Total.....	6,215	28,817,026	21,278,127	21,733,420	6,884	31,557,287	23,370,147	28,730,076	13,099	60,374,313	44,648,274	50,463,496

Number of commercial vessels of various nationalties passing through the Panama Canal.

Fiscal year.	Arrentinian.	Belgian.	Brazilian.	British.	Canadian.	Chilean.	Chinese.	Colombian.	Costa Rican.	Cuban.	Danish.	Dutch.	Ecuadorian.	Finnish.	French.	German.	Greek	Honduran.	Italian.	Japanese.	Jugo-Slav.	Mexican.	Nicaraguan.	Norwegian.	Panamanian.	Peruvian.	Portuguese.	Russian.	Spanish.	Swedish.	United States.	Uruguayan.	Total.
1921.....	....	2	1	972	....	63	4	....	16	1	60	50	....	2	44	19	....	....	25	136	2	4	....	140	8	60	....	4	44	25	1,210	....	2,892
1920.....	....	1	3	753	....	79	2	1	1	....	9	29	....	....	60	17	....	....	26	118	....	....	....	106	4	75	2	2	41	19	1,129	1	2,478
1919.....	....	1	....	605	2	93	4	1	12	....	79	19	1	....	104	....	3	....	....	87	....	1	....	128	....	64	....	3	5	27	784	1	2,024
1918.....	1	....	....	702	....	96	2	....	19	....	100	48	....	....	52	....	2	....	4	54	....	1	....	296	2	83	....	3	11	26	567	....	2,069
1917.....	....	....	....	780	....	99	....	....	23	6	43	74	....	....	9	....	....	....	2	72	....	13	2	145	5	86	....	2	20	18	404	....	1,803
1916.....	1	....	....	358	....	33	....	....	....	....	18	15	....	....	1	....	....	3	1	24	....	....	....	44	3	30	....	1	....	13	213	....	758
1915.....	....	....	....	464	1	35	....	....	....	....	24	7	....	....	3	....	....	3	2	6	....	....	1	42	1	4	....	6	....	17	459	....	1,075
Grand total.....	2	4	4	4,634	3	498	12	2	71	7	333	242	1	2	273	36	5	6	60	497	2	19	3	901	23	402	2	21	121	145	4,766	2	13,099

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Table 77.—SUEZ CANAL STATISTICS, CORRECTED TO JANUARY 1, 1922.

[From American Consulate, Port Said, Egypt, May 8, 1922.]

Vessels' tolls have been changed from time to time since 1894, when the maximum rate of 13 francs ($2.51) per ton net register was put in force. Toll rates have changed as follows:

Date of change.	Rate per ton, loaded vessels.	Rate per ton, in ballast.
	Gold francs.	*Gold francs.*
Apr. 1, 1916	6.75	4.25
Oct. 5, 1916	7.25	4.75
Jan. 1, 1917	7.75	5.25
July 1, 1917	8.50	6.00
Jan. 1, 1918	8.50	8.50
Mar. 1, 1920	8.50	6.00
Oct. 1, 1920	8.25	5.75
Oct. 1, 1921	8.00	5.50

Transit receipts.

	Gold francs.
1915	90,281,441
1916	76,119,851
1917	61,076,418
1918	79,339,542
1919	136,969,915
1920	144,593,953
1921	147,600,000

Number of transits and net tonnage by year.

	Transits.	Net tons.		Transits.	Net tons.
1915	3,708	15,266,155	1919	3,986	16,013,802
1916	3,110	12,325,347	1920	4,009	17,574,657
1917	2,353	8,368,918	1921	3,975	18,118,999
1918	2,522	9,251,601			

SUEZ CANAL OPERATIONS DURING 1921.

Suez Canal operations during 1921 totaled 3,975 transits, a decrease of 1,110 under the number of transits for 1913 and a decrease of 34 under the number of transits for 1920, while the total net tonnage for 1921 was 544,342 tons above that of 1920, and, 1,914,885 tons under the total tonnage for 1913. Categorical details as to classes are shown below:

Category.	Number of transits.	Net tonnage.
Merchant vessels, loaded	2,561	11,743,856
Merchant vessels, ballast	331	1,167,211
Vessels carrying mail	540	2,860,289
Government vessels	374	1,587,185
Government chartered ships	169	760,458
Total	3,975	18,118,999

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Table 77.—SUEZ CANAL STATISTICS, CORRECTED TO JANUARY 1, 1922—Continued.

Suez Canal transits and net tonnage by countries during 1921.

Name of country.	Number of transits.	Net tonnage.	Name of country.	Number of transits.	Net tonnage.
Great Britain	2,418	11,397,019	Brazil	7	36,453
Holland	459	2,031,625	Yugoslavia	7	24,083
Italy	245	934,146	Egypt	5	4,397
Japan	227	1,042,266	Portugal	5	20,019
France	211	967,746	Belgium	4	6,567
United States of America	147	671,840	China	4	12,955
Norway	63	258,848	Russia	4	11,555
Denmark	53	231,727	Czechoslovakia	1	4,374
Sweden	50	205,651	Monaco	1	526
Germany	35	170,520			
Greece	18	56,024	Total	3,975	18,118,999
Spain	11	30,638			

Number and net tonnage of vessels that have passed through the Suez Canal (including warships) and the gross receipts of the company in the last nine years.

Years.	Number of transits.	Net tonnage.	Receipts.
1913	5,085	20,033,884	£5,197,038
1914	4,802	19,410,000	5,004,849
1915	3,708	15,266,155	3,929,124
1916	3,110	12,325,347	3,561,771
1917	2,352	8,368,918	2,880,761
			Gold francs.
1918	2,522	9,251,601	84,108,507
1919	3,986	16,013,802	147,148,288
1920	4,009	17,574,657	154,813,521
1921	3,975	18,118,999	155,800,000

The gross receipts shown above include the actual cash receipts from services, etc., performed on the Suez Canal, and are not the actual gross receipts from all sources of the Suez Canal Co. For example, during the year 1920, the canal company realized 154,813,521 gold francs from transits, passengers, rental of land, sale of water, etc. To this should be added 112,647,158 gold francs, realized from investments of cash, loans, etc., making the total gross receipts amount to 267,460,679 gold francs.

The figures shown above for the year 1920 are correct and are taken from the canal company's balance sheet for that year. The figures shown for the other years mentioned are approximately correct. Balance sheets for the years of the war are not available. The balance sheet for 1921 is not yet out.

The gross receipts for the last four years are analyzed on another page of this report.

Transits of passengers through the Suez Canal.

Year.	Number of passengers.	Receipts from, in gold francs.	Year.	Number of passengers.	Receipts from, in gold francs.
1913	282,235	2,653,340.00	1918	105,914	1,050,265.00
1914	391,772	3,734,505.00	1919	527,502	5,164,487.00
1915	210,530	2,004,990.00	1920	500,147	4,750,242.00
1916	283,030	2,802,210.00	1921	295,199	2,850,000.00
1917	142,313	1,415,450.00			

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Table 77.—SUEZ CANAL STATISTICS, CORRECTED TO JANUARY 1, 1922—Continued.

Analysis of passenger traffic, 1920 and 1921.

Categories.	Direction bound.	1921	1920
Military	Eastbound	56,562	149,503
	Westbound	48,465	117,046
Civil	Eastbound	95,462	104,548
	Westbound	82,815	90,325
Special [1]	Eastbound	26	2,731
	Westbound	11,469	35,994
Total	Eastbound	152,050	256,782
	Westbound	143,149	243,365
Grand total, both directions		295,199	500,147

[1] Passengers listed under "Special" were repatriated prisoners of war.

Military passengers during 1921 were divided among nations as follows.

Nationality.	Eastbound.	Westbound.	Total.
British	36,381	33,993	70,374
French	13,397	4,152	17,549
Italian	6,020	7,878	13,898
Holland	764	321	1,085
Czechoslovakia		2,521	2,521
Total	56,562	48,865	105,427

Analysis of Suez Canal gross cash receipts from 1918 to 1921, inclusive.

[Figures represent French gold francs. Totals are approximately correct.]

Year.	Receipts from—						Total.
	Transits.	Passengers.	Rental, land, buildings, etc.	Sale of water.	One-half of common domain.	Pilotage, moorage, etc.	
1918	79,339,542	1,050,265	199,187	1,388,680	130,833	2,000,000	84,108,507
1919	136,969,915	5,164,487	204,564	1,527,372	581,950	2,700,000	147,148,288
1920	144,593,953	4,750,242	282,593	1,576,728	717,253	2,892,752	154,813,521
1921	147,600,000	2,850,000	300,000	1,550,000	700,000	2,800,000	155,800,000

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Table 78.—NAVY PAY TABLES.

TABLE I.—PAY OF COMMISSIONED OFFICERS.

Rank.	(1) May 13, 1908.		(2) May 18, 1920. (effective Jan. 1, 1920).	
	A	B	A	B
	On shore.	At sea.	On shore.	At sea.
Ensign	$1,700.00	$1,870.00	$2,120.00	$2,290.00
After 5 years' service	1,870.00	2,057.00	2,290.00	2,477.00
After 10 years' service	2,040.00	2,244.00	2,460.00	2,664.00
After 15 years' service	2,210.00	2,431.00	2,630.00	2,851.00
After 20 years' service	2,380.00	2,618.00	2,800.00	3,038.00
Lieutenant (junior grade)	2,000.00	2,200.00	2,600.00	2,800.00
After 5 years' service	2,200.00	2,420.00	2,800.00	3,020.00
After 10 years' service	2,400.00	2,640.00	3,000.00	3,240.00
After 15 years' service	2,600.00	2,860.00	3,200.00	3,460.00
After 20 years' service	2,800.00	3,080.00	3,400.00	3,680.00
Lieutenant	2,400.00	2,640.00	3,120.00	3,360.00
After 5 years' service	2,640.00	2,904.00	3,360.00	3,624.00
After 10 years' service	2,880.00	3,168.00	3,600.00	3,888.00
After 15 years' service	3,120.00	3,432.00	3,840.00	4,152.00
After 20 years' service	3,360.00	3,696.00	4,080.00	4,416.00
Lieutenant commander	3,000.00	3,300.00	3,840.00	4,140.00
After 5 years' service	3,300.00	3,630.00	4,140.00	4,470.00
After 10 years' service	3,600.00	3,960.00	4,440.00	4,800.00
After 15 years' service	3,900.00	4,290.00	4,740.00	5,130.00
After 20 years' service	4,000.00	4,400.00	4,840.00	5,240.00
Commander	3,500.00	3,850.00	4,100.00	4,450.00
After 5 years' service	3,850.00	4,235.00	4,450.00	4,835.00
After 10 years' service	4,200.00	4,620.00	4,800.00	5,220.00
After 15 years' service	4,500.00	4,950.00	5,100.00	5,550.00
After 20 years' service	4,500.00	4,950.00	5,100.00	5,550.00
Captain	4,000.00	4,400.00	4,600.00	5,000.00
After 5 years' service	4,400.00	4,840.00	5,000.00	5,440.00
After 10 years' service	4,800.00	5,280.00	5,400.00	5,880.00
After 15 years' service	5,000.00	5,500.00	5,600.00	6,100.00
After 20 years' service	5,000.00	5,500.00	5,600.00	6,100.00
Rear admiral:				
Lower half (9)	6,000.00	6,600.00	6,000.00	6,600.00
Upper half	8,000.00	8,800.00	8,000.00	8,800.00
Vice admiral	.....	9,000.00	.....	9,000.00
Admiral	.....	10,000.00	[1] 10,000.00	10,000.00

[1] Chief of Naval Operations (acts of Aug. 29, 1916, and July 1, 1918).

NOTE.—Tables 1 A and 1 B show the rates of pay which are permanently in effect. Tables 2 A and 2 B show the rates of pay in effect at present, which include the temporary increases provided by the act of May 18, 1920. On July 1, 1922, in the absence of further legislation, these temporary increases will cease.

(For old Navy rates of pay, see sec. 1556, Revised Statutes.)

1. *Chief of Naval Operations* "while serving as such shall receive the pay of $10,000 per annum" (act August 29, 1916) and "shall receive the allowances which are now or hereafter may be prescribed by or in pursuance of law for the grade of general in the Army" (act July 1, 1918).

2. *Pay, chiefs of bureaus, Judge Advocate General, and assistants to chiefs of bureaus.*—"Hereafter chiefs of bureaus of the Navy Department, including the Judge Advocate General of the Navy, shall, while so serving, * * * receive the same pay and allowances as are now or may hereafter be prescribed by or in pursuance of law for chiefs of bureaus of the War Department and the Judge Advocate General of the Army." (Act July 1, 1918.)

"Hereafter the chief of any existing staff corps, department, or bureau [War Department] * * * shall have the rank, pay, and allowances of a major general." (Act October 6, 1917.)

3. *Aids to rear admirals.*—"Aids to rear admirals embraced in the nine lower numbers [lower half] of that grade shall each receive one hundred and fifty dollars additional per annum; and aids to all other rear admirals two hundred dollars additional per annum each." (Act May 13, 1908.)

4. *Chaplains.*—"Hereafter all commissioned officers of the active list of the Navy shall receive the same pay and allowances according to rank and length of service." (Act August 29, 1916.) "Rank and length of service of all chaplains of the Navy may

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readily be ascertained by inspection of the official Navy Register." (G. O. No. 246—1913.)

5. *Naval Dental Corps.*—(Authorized by acts of August 22, 1912; March 4, 1913; July 1, 1918.) The Naval Dental Corps is a part of the Medical Department of the Navy. Officers in the Naval Dental Corps take rank and precedence in the same manner and under the same conditions with, but next after, officers in the Naval Medical Corps and receive corresponding pay and allowances up to and including the rank of lieutenant commander. "* * * Dental surgeons shall be eligible for advancement to the pay and allowances [but not rank] of commander and captain when their total active service as dental officers in the Navy is such that if rendered as officers of the Naval Medical Corps it would place them in the list of medical officers with the pay and allowances of commander or captain, as the case may be." (Act July 1, 1918.) Dental officers retired "shall not be entitled to rank above lieutenant commander on the retired list or to retired pay above that of captain." (Act July 1, 1918.) The number of "dental surgeons with the pay and allowances of captain shall not exceed four and one-half per centum and the number of dental surgeons with the pay and allowances of commander shall not exceed eight per centum of the total authorized number of dental officers." (Act July 1, 1918.)

"* * * and the time served by dental officers on active duty as acting assistant dental surgeons and assistant dental surgeons under provisions of law existing prior to the passage of this act shall be reckoned in computing the increased service pay and service for precedence and promotion of dental officers herein authorized or heretofore appointed." (Act July 1, 1918.)

Dental Reserve Corps: "That all laws heretofore enacted by Congress relating to the Medical Reserve Corps and Dental Reserve Corps be, and the same hereby are, repealed: *Provided*, That members of the Medical Reserve Corps and Dental Reserve Corps may be enrolled in the Naval Reserve Force in their present grades and rank." (Act July 1, 1918.)

6. *Midshipmen.*—"The pay of midshipmen shall hereafter be seven hundred and eighty dollars per annum." (Act July 11, 1919.)

Midshipmen are entitled to one ration, or to commutation therefor, at all times. (N. R. 1823-1-1920.)

"* * * and the class of midshipmen graduated from the Naval Academy * * * and the classes to be graduated hereafter, may be commissioned effective from date of graduation." (Act July 1, 1918.)

Mileage—Midshipmen: "* * * and for mileage at 5 cents per mile to midshipmen entering the Naval Academy subsequent to June 1, 1919, while proceeding from their homes to the Naval Academy for examination and appointment as midshipmen." (Act July 11, 1919.)

7. *Pay, longevity.*—"There shall be allowed and paid to each commissioned officer below the rank of rear admiral ten per centum of his current yearly pay for each term of five years' service in the Army, Navy, and Marine Corps. The total amount of such increase for length of service shall in no case exceed forty per centum on the yearly pay of the grades as provided by law: *Provided*, That the annual pay of captain shall not exceed five thousand dollars per annum; of commander four thousand five hundred dollars per annum; and of lieutenant commander four thousand dollars per annum." (Act May 13, 1908.)

(*a*) All officers appointed to the active list of the Navy from civil life on or prior to March 3, 1913, receive, for purposes of pay, a credit of five years' constructive service; those appointed since March 3, 1913, do not receive this credit.

(*b*) In computing the pay of ensigns, those appointed to the Naval Academy on or prior to March 3, 1913, receive credit for service at the Naval Academy; those appointed since March 3, 1913, do not receive this credit.

(*c*) In computing longevity pay, active duty in the Naval Reserve Force is counted. (Comp. Dec., October 16, 1917.)

(*d*) "That for the purposes of computing longevity pay and retirement privileges of officers and enlisted men of the Navy, all creditable service in the Coast Guard and former Revenue Cutter Service shall be counted." (Act—Navy—June 4, 1920.)

8. *Pay, increase for sea and foreign duty.*—"All officers on sea duty and all officers on shore duty beyond the continental limits of the United States shall while so serving receive ten per centum additional of their salaries and increase as above provided, and such increase shall commence from the date of reporting for duty on board ship or the date of sailing from the United States for shore duty beyond the seas or to join a ship in foreign waters." (Act May 13, 1908.)

9. *Pay, aviation duty.*—"Hereafter officers of the Navy and Marine Corps appointed student naval aviators, while lawfully detailed for duty involving actual flying in air craft, including balloons, dirigibles, and airplanes, shall receive the pay and

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allowances of their rank and service plus thirty-five per centum increase thereof; and those officers who have heretofore qualified, or may hereafter qualify, as naval aviators, under such rules and regulations as have been or may be prescribed by the Secretary of the Navy, shall, while lawfully detailed for duty involving actual flying in air craft, receive the pay and allowances of their rank and service plus fifty per centum increase thereof. Hereafter enlisted men of the Navy or Marine Corps, while detailed for duty involving actual flying in aircraft, shall receive the pay and the permanent additions thereto, including allowances, of their rating and service or rank and service, as the case may be, plus fifty per centum increase thereof: *Provided*, * * * nor shall any officer in the Navy senior in rank to commander not any officer in the Marine Corps senior in rank to major receive any increase in pay or allowances by reason of such detail or duty." (Act May 3, 1915.)

"That hereafter the allowances of officers, enlisted men, and student flyers of the naval service shall in no case be increased by reason of the performance of aviation duty." (Act July 1, 1918.)

(*c*) Student flyers for instruction and training in aeronautics shall receive the same pay and allowances as a midshipman at the Naval Academy. (Act August 29, 1916.)

(*d*) Student flyers shall, after receiving certificate of qualification as an aviator for actual flying in aircraft, rank with midshipmen and shall receive the same pay and allowances as midshipmen plus 50 per centum thereof. (Act August 29, 1916.)

10. *Leave pay.*—All commissioned officers receive while on leave the full pay of their grade as established by the act of May 13, 1908, for leave authorized by statute; and for leave in excess of "statutory leave," one-half such full pay, or in the case of officers commissioned prior to May 13, 1908, the rate of leave pay in effect prior to that date, if greater. (Op. Atty. Gen., April 5, 1909; Comp. Dec., April 16, 1909, May 26, 1909; act May 13, 1908.)

"The leave year is reckoned from July 1 to the following June 30, both inclusive." (A. R. 1913, par. 1276.)

11. *Pay, sick.*—All commissioned officers of the Navy other than those whose pay is fixed by section 1556, Revised Statutes, suffer no change in pay on account of absence due to sickness or wounds or when lawfully absent from duty, with the exception of the 10 per cent increase of pay for sea duty. (N. R. 4411–1913.)

12. *Pay on furlough.*—Officers on furlough shall receive only one-half of the pay to which they would have been entitled if on leave of absence. (Sec. 1557, R. S.) (N. R. 4413–1913.)

13. *Pay, absent without leave.*—"When absent without leave all officers forfeit pay and allowances during such absence, unless the absence is excused as unavoidable." (N. R. 4411–1913.)

14. *Pay, traveling.*—"Officers proceeding to and from their stations under orders are entitled to pay as on duty, provided there is no unnecessary delay on their part." (N. R. 4407–2–1913.)

15. *Pay, suspended from duty.*—"An officer suspended from duty by sentence of court-martial shall receive the pay to which he would be entitled if waiting orders, unless otherwise provided in the sentence." (N. R. 4410–3–1913.)

16. *Pay, when advanced in grade or rank.*—"That all officers of the Navy who, since the 3d day of March, 1899, have been advanced or may hereafter be advanced in grade or rank pursuant to law shall be allowed the pay and allowances of the higher grade or rank from the dates stated in their commissions." (Naval appropriation act approved March 4, 1913.)

17. *Hospital fund.*—Twenty cents a month is deducted from the pay of each person of the Navy and Marine Corps, active and retired, to be applied to the naval hospital fund. (Sec. 4808, R. S.)

PAY OF RETIRED OFFICERS.

1. *Rates of pay.*—Officers on the retired list receive (according to the way in which they are retired) either three-fourths or one-half of the pay of the grade or rank which they held at the time of their retirement, or one-half the leave pay of such rank or grade, which is "furlough pay." (Sec. 1588, R. S.; see Comp. Dec. August 13, 1908; October 16, 1908; see par. 1, supra.)

2. *Ten per cent additional not allowed.*—"In computing the pay of retired officers of the Navy, the 10 per cent additional pay allowed for sea service or shore duty beyond seas shall not be included." (General deficiency act, May 30, 1908; see Comp. Dec., June 26, 1908.)

3. *Civil War service.*—"Any officer of the Navy with a creditable record who served during the Civil War shall, when retired, be retired with the rank and three-fourths of the sea pay of the next higher grade." (Act March 3, 1899, sec. 11.)

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4. *Retirement after 30 years' service.*—"When an officer of the Navy has been thirty years in the service he may, upon his own application, in the discretion of the President, be retired from active service and placed upon the retired list with three-fourths of the highest pay of his grade." (Act May 13, 1908.)

5. *Rates, base.*—"The pay of all commissioned, warrant, and appointed officers and enlisted men of the Navy now on the retired list shall be based on the pay, as herein provided for, of commissioned, warrant, and appointed officers and enlisted men of corresponding rank and service on the active list." (Act May 13, 1908.)

6. *Active duty.*—"*Provided*, That hereafter any retired officer of the naval service who shall be detailed on active duty shall, while so serving, receive the active duty pay and allowances of the grade, not above that of lieutenant commander in the Navy or major in the Marine Corps, that he would have attained in due course of promotion if he had remained on the active list for a period beyond the date of his retirement equal to the total amount of time during which he has been detailed on active duty since his retirement: *Provided*, That nothing herein shall be contrued to reduce the the pay of any retired officer on active duty whose retired pay exceeds the active duty pay and allowances for the grade of lieutenant commander." (Act August 29, 1916.)

"That hereafter, during the existence of war or of a national emergency declared by the President to exist, any commissioned or warrant officer of the Navy, Marine Corps, or Coast Guard of the United States on the retired list may, in the discretion of the Secretary of the Navy, be ordered to active duty at sea or on shore; and any retired officer performing such active duty in time of war or national emergency, declared as aforesaid, shall be entitled to promotion on the retired list to the grade or rank, not above that of lieutenant commander in the Navy or major in the Marine Corps or captain in the Coast Guard and shall thereafter receive the pay and allowances thereof which his total active service as an officer both prior and subsequent to retirement, in the manner rendered by him, would have enabled him to attain in due course of promotion had such service been rendered continuously on the active list during the period of time last past." (Act July 1, 1918.)

"That during the existence of war or of a national emergency, declared as aforesaid, any commissioned or warrant officer of the Navy, Marine Corps, or Coast Guard of the United States on the retired list, while on active duty, may be temporarily advanced to and commissioned in such higher grade or rank on the retired list, not above that of lieutenant commander in the Navy or major in the Marine Corps, or captain in the Coast Guard, as the President may determine, and any officer so advanced shall, while on active duty, be entitled to the same pay and allowances as officers of like grade or rank on the active list: *Provided*, That any such commissioned or warrant officer who has been so temporarily advanced in grade or rank shall, upon his relief from active duty, or-in any case not later than six months after the termination of the war or of the national emergency, declared as aforesaid, revert to the grade or rank on the retired list and to the pay and allowance status which he would have held had he not been so temporarily advanced." (Act July 1, 1918.)

TABLE II.—PAY OF WARRANT OFFICERS.

Rank.	(1) May 13, 1908.			(2) May 18, 1920 (effective Jan. 1, 1920).		
	A	B	C	A	B	C
	On shore or other duty.	At sea.	Waiting orders.	On shore or other duty.	At sea.	Waiting orders.
Warrant officers:						
First 3 years' service	$1,125.00	$1,500.00	$875	$1,365.00	$1,740.00	$1,115.00
Second 3 years' service	1,250.00	1,625.00	1,000	1,490.00	1,865.00	1,240.00
Third 3 years' service	1,625.00	1,750.00	1,125	1,865.00	1,990.00	1,365.00
Fourth years' service	1,750.00	2,000.00	1,250	1,990.00	2,240.00	1,490.00
After 12 years' service	[1] 2,000.00	2,250.00	1,500	2,240.00	2,490.00	1,740.00

[1] Act of Mar. 4, 1917.

NOTE.—Tables 1 A, 1 B, and 1 C show the rates of pay which are permanently in effect. Tables 2 A, 2 B, and 2 C show the rates of pay in effect at present, which include the temporary increases provided by the act of May 18, 1920. On July 1, 1922, in the absence of further legislation, these temporary increases will cease.

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1. *Pay.*—"*Provided*, That any warrant officer in the Navy or Marine Corps and any pay clerk in the Marine Corps who has accepted or who may hereafter accept appointment as a commissioned officer in the Naval Reserve Force or Marine Corps Reserve shall be entitled, upon the termination of his appointment as a commissioned officer in the reserve, to revert to his former status as a warrant officer in the Navy or Marine Corps, or as a pay clerk in the Marine Corps, and shall be entitled to count all active reserve service for purposes of longevity pay and retirement." (Act July 11, 1919.)

2. *Leave.*—"Warrant officers shall be allowed such leave of absence, with full pay, as is now or may hereafter be allowed other officers of the United States Navy." (Act August 29, 1916.)

3. *Heat and light.*—"Warrant officers shall receive the same allowance of heat and light as are now or may hereafter be allowed an ensign." (Act August 29, 1916.)

4. *Pay clerks and chief pay clerks.*—Pay clerks and acting pay clerks shall have the same pay, allowances, and other benefits as are now or may hereafter be allowed other warrant officers and acting warrant officers, respectively. * * * All pay clerks shall, after six years' service as such, be commissioned chief pay clerks, and shall, on promotion, have the rank, pay, and allowances of chief boatswain. (Act of March 3, 1915.)

5. *Warrant officers, sea and foreign shore duty.*—"Warrant officers of the Navy on shore duty beyond the continental limits of the United States shall, while so serving and from the time of departure from and until the time of return to said limits under orders to or from such foreign-shore duty, receive the same pay as is now or may be authorized by law for warrant officers on sea duty: *Provided*, That this paragraph shall be effective from April 6, 1917." (Act July 11, 1919.)

6. *Rations, officers.*—All officers of the Navy, except commissioned officers of the line, Medical and Supply Corps, chaplains, and commissioned warrant officers, are entitled to a ration or commutation therefor at the rate of not to exceed 68 cents per day while attached to and doing duty aboard a seagoing vessel of the Navy. Midshipment are entitled to the ration or commutation therefor at all times. (See Comp. Dec., July 13, 1908: April 23, 1909.) The commuted ration for midshipmen is $1.08 per diem. (Act June 4, 1920.)

ALLOWANCES, OFFICERS: QUARTERS, HEAT, AND LIGHT. (SHORE DUTY—OLD LAW.)

1. *Commutation of quarters.*—"Hereafter the Secretary of the Navy may determine where and when there are no public quarters available for persons in the Navy and Marine Corps, or serving therewith, within the meaning of any acts or parts of acts relating to the assignment of quarters or commutation therefor." (Act July 1, 1918.)

(*a*) "All officers, including mates but excepting midshipmen, on duty at a station where there are no public quarters for their accommodation, or where the public quarters are inadequate, or where quarters have not been hired for their use, or any such officers on special duty or on detached service on shore, are entitled to commutation for quarters at established rates." ($12 per room per month.) (N. R. 1820–1, 1920.)

(*b*) "An officer on duty at a station where he is properly in receipt of commutation of quarters is entitled to the allowance during ordinary leave on full pay, and during sick leave. If he is relieved from duty at the station and then granted leave, his commutation ceases." (N. R. 1820–6, 1920.) (For number of rooms to which an officer is entitled, see N. R. 1821, 1920.)

(*c*) "An officer on sick leave, not detached from his station, is entitled to public quarters at his station during the period of sick leave, not exceeding six months, provided he or his family occupy them." (N. R. 1819 (6), 1920.)

2. *Allowance, heat and light.*—Hereafter heat and light actually necessay for the authorized allowance of quarters for officers and enlisted men shall be furnished at the expense of the United States under such regulations as the Secretary of War may prescribe. (Army appropriation act approved March 2, 1907; N. R. 1822, 1920.)

(*a*) Allowances for heat and light to officers occupying public quarters and quarters other than public will be as provided by General Orders No. 115 of August 18, 1914; No. 131 of January 20, 1915; No. 136 of February 25, 1915; No. 152 of July 1, 1915; No. 208 of April 22, 1916; No. 430 of October 1, 1918. (G. O. Series 1913.)

(*b*) Where an officer occupies quarters other than public he is not entitled to greater heat and light allowances than those prescribed for the number of rooms actually occupied by him, regardless of the number which he is entitled to occupy. (Comp. Dec., July 31, 1913; August 15, 1913; September 21, 1917.)

If an officer's quarters at his permanent station are actually occupied during his absence on leave by his family or persons dependent upon him for support (and evidence of such fact accompanies the voucher), payment of the heat and light allow-

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ance for such quarters during such period is authorized; but if said quarters are not so occupied, the officer is entitled to no heat or light allowances for the period of his absence on leave. (Comp. Dec., August 15, 1913.)

(*c*) Where quarters occupied by an officer consist of a greater number of rooms than his rank entitles him to, payment for heat and light is authorized, provided the amounts consumed do not exceed the respective maximum amounts allowed for the number of rooms to which the rank of said officer entitles him. (Comp. Dec., Septemer 6, 1913.)

(*d*) In computing the number of rooms for which an officer is entitled to heat and light allowances, only rooms actually and exclusively occupied by him as quarters can be counted, and bathroom, storerooms, halls, etc., and rooms used in common with other guests or tenants can not be included. (Comp. Dec., September 6, 1913.)

3. *Commutation of quarters, heat, and light for dependents of officers on sea duty during present emergency (act of April 16, 1918).*—See pp. 318–319, Manual for Supply Officers Afloat and Bureau Memoranda No. 215.) Rights and benefits of above act to be continued until June 30, 1922. (Act May 18, 1920.)

4. *Transportation of dependents.*—Transportation in kind for wives and dependent children of officers, chief petty officers, and petty officers, first class, when ordered to make a permanent change of station is authorized by the act of May 18, 1920. (See also act 1818, N. R., 1920; S. & A. circular letters Nos. 76 and 138–1920.)

TABLE III.—PAY OF THE ENLISTED PERSONNEL.

[Chart 3.]

Rating.	(1) Act of May 13, 1908.	(2) Act of May 18, 1920.
Mates	.....	$126.00
Chief petty officers (permanent appointment)	$77.00	126.00
Chief petty officers (acting appointment)	.....	99.00
Chief petty officers:		
Seaman branch—		
Chief boatswain's mate	55.00	99.00–126.00
Chief gunner's mate	55.00	99.00–126.00
Chief turret captain	66.00	99.00–126.00
Chief torpedo man (chief gunner's mate (T.)) [1]	55.00	99.00–126.00
Chief quartermaster	55.00	99.00–126.00
Chief signalman (chief quartermaster (S.)) [1]	55.00	99.00–126.00
Chief fire-control man [1]	.....	99.00–126.00
Chief master-at-arms	71.50	99.00–126.00
Artificer branch—		
Chief machinist's mate	77.00	99.00–126.00
Chief motor machinist's mate [1]	.....	99.00–126.00
Aviation chief machinist's mate [1]	.....	99.00–126.00
Chief water tender	55.00	99.00–126.00
Chief electrician's mate (chief electrician) [1]	66.00	99.00–126.00
Chief radio man (chief electrician, radio) [1]	66.00	99.00–126.00
Chief carpenter's mate	55.00	99.00–126.00
Chief ship fitter [1]	.....	99.00–126.00
Aviation chief carpenter's mate [1]	.....	99.00–126.00
Aviation chief metal smith [1]	.....	99.00–126.00
Aviation chief rigger [1]	.....	99.00–126.00
Chief printer [2]	66.00	99.00–126.00
Chief special mechanic [3 4]	139.70	99.00–126.00
Special branch—		
Chief yeoman	66.00	99.00–126.00
Chief storekeeper [2]	55.00	99.00–126.00
Chief commissary steward	77.00	99.00–126.00
Chief photographer [1]	.....	99.00–126.00
Bandmaster	57.20	99.00–126.00
Chief pharmacist's mate [2]	66.00	99.00–126.00
Petty officers, first class:		
Seaman branch—		
Boatswain's mate, first class	44.00	84.00
Gunner's mate, first class	44.00	84.00
Turret captain, first class	55.00	84.00
Torpedo man, first class (gunner's mate, first class (T.)) [1]	44.00	84.00
Quartermaster, first class	44.00	84.00
Signalman, first class (quartermaster, first class (S.)) [1]	44.00	84.00
Fire control man, first class [1]	.....	84.00
Master-at-arms, first class	44.00	84.00

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TABLE III.—PAY OF THE ENLISTED PERSONNEL—Continued.

[Chart 3.]

Rating.	(1) Act of May 13, 1908.	(2) Act of May 18, 1920.
Petty officers, first class—Continued.		
Artificer branch—		
Machinist's mate, first class	$60.50	
Motor machinist's mate, first class [1]	.....	$84.00
Aviation machinist's mate, first class	.....	84.00
Engineman, first class [3]	49.50	84.00
Water tender, first class (water tender)	49.50	84.00
Electrician's mate, first class (electrician, first class) [1]	55.00	84.00
Radio man, first class (electrician, first class, radio) [1]	55.00	84.00
Carpenter's mate, first class	44.00	84.00
Ship fitter, first class	60.50	84.00
Coppersmith, first class [3]	71.50	84.00
Blacksmith, first class [3]	71.50	84.00
Boiler maker, first class (boiler maker) [1]	71.50	84.00
Molder, first class [3]	71.50	84.00
Patternmaker, first class [3]	71.50	84.00
Aviation carpenter's mate, first class	.....	84.00
Aviation metal smith, first class [1]	.....	84.00
Aviation rigger, first class [1]	.....	84.00
Printer, first class [2]	44.00	84.00
Painter, first class	44.00	84.00
Sailmaker's mate, first class (sailmaker's mate) [1]	44.00	84.00
Special mechanic, first class [3 4]	88.00	84.00
Special branch—		84.00
Yeoman, first class	44.00	
Storekeeper, first class [2]	44.00	84.00
Commissary steward	66.00	84.00
Photographer, first class [1]	.....	84.00
First musician	39.60	84.00
Ship's cook, first class	60.50	84.00
Baker, first class	49.50	84.00
Pharmacist's mate, first class [2]	44.00	84.00
Petty officers, second class:		
Seaman branch—		
Boatswain's mate, second class	38.50	72.00
Gunner's mate, second class	38.50	72.00
Torpedo man, second class (gunner's mate, second class (T.)) [1]	38.50	72.00
Quartermaster, second class	38.50	72.00
Signalman, second class (quartermaster, second class (S.)) [1]	38.50	72.00
Master-at-arms, second class	38.50	72.00
Artificer branch—		
Machinist's mate, second class	[3] 49.50	72.00
Motor machinsist's mate, second class [1]	.....	72.00
Aviation machinist's mate, second class [1]	.....	72.00
Engineman, second class (oiler) [3]	44.00	72.00
Water tender, second class	44.00	72.00
Electrician's mate, second class (electrician, second class) [1]	44.00	72.00
Radio man, second class (electrician, second class, radio) [1]	44.00	72.00
Carpenter's mate, second class	38.50	72.00
Ship fitter, second class	44.00	72.00
Coppersmith, second class [3]	55.00	72.00
Blacksmith, second class [3]	55.00	72.00
Boilermaker, second class [3]	55.00	72.00
Molder, second class [3]	55.00	72.00
Pattern maker, second class [3]	55.00	72.00
Aviation carpenter's mate, second class [1]	.....	72.00
Aviation metal smith, second class [1]	.....	72.00
Aviation rigger, second class [1]	.....	72.00
Printer, second class (printer) [1]	38.50	72.00
Painter, second class	38.50	72.00
Sailmaker's mate, second class [1]	38.50	72.00
Special branch—		
Yeoman, second class	38.50	72.00
Storekeeper, second class [2]	38.50	72.00
Photographer, second class [1]	.....	72.00
Ship's cook, second class	44.00	72.00
Baker, second class	38.50	72.00
Pharmacist's mate, second class [2]	38.50	72.00

[1] Ratings established by the Secretary of the Navy in Bureau of Navigation's Circular Letter No. 16–21 dated May 2, 1921, pursuant to authority contained in the act of Congress approved June 4, 1920.
[2] Ratings and base pay established by act of Aug. 29, 1916.
[3] Ratings and base pay established by act of Oct. 6, 1917.
[4] Pay not changed by act of May 18, 1920, during current enlistment or extension of said enlistment.
[5] Base pay changed from $40 to $45 by act of Oct. 6, 1917.

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TABLE III.—PAY OF THE ENLISTED PERSONNEL—Continued.

[Chart 3.]

Rating.	(1) Act of May 13, 1908.	(2) Act of May 18, 1920.
Petty officers, third class:		
Seaman branch—		
Coxswain	$33.00	$60.00
Gunner's mate, third class	33.00	60.00
Torpedoman, third class (gunner's mate, third class (T.))[1]	33.00	60.00
Quartermaster, third class	33.00	60.00
Signalman, third class (quartermaster, third class (S.))[1]	33.00	60.00
Master-at-arms, third class	33.00	60.00
Artificer branch—		
Electrician's mate, third class (electrician, third class) [1]	33.00	60.00
Radioman, third class (electrician, third class, radio) [1]	33.00	60.00
Carpenter's mate, third class	33.00	60.00
Ship fitter, third class [1]	33.00	60.00
Aviation carpenter's mate, third class [1]	.....	60.00
Aviation metal smith, third class [1]	.....	60.00
Aviation rigger, third class [1]	.....	60.00
Printer, third class [1]	33.00	60.00
Painter, third class	33.00	60.00
Sailmaker's mate, third class [1]	33.00	60.00
Special branch—		
Yeoman, third class	33.00	60.00
Storekeeper, third class [2]	33.00	60.00
Photographer, third class [1]	.....	60.00
Ship's cook, third class	33.00	60.00
Baker, third class [1]	33.00	60.00
Pharmacists' mate, third class [2]	33.00	60.00
Nonrated men, first class:		
Seamen branch, seamen, first class (seaman-shipwright)	26.40	54.00
Artificer branch, firemen, first class	38.50	60.00
Special branch—		
Bugler, first class [1]	.....	54.00
Musician, first class	35.20	54.00
Hospital apprentice, first class [2]	26.40	54.00
Nonrated men, second class:		
Seamen branch, seamen, second class (ord. sea., S. C., fourth class)	20.90	48.00
Artificer branch, firemen, second class	33.00	54.00
Special branch—		
Bugler, second class (bugler) [1]	33.00	48.00
Musician, second class	33.00	48.00
Hospital apprentice, second class [2]	20.90	48.00
Nonrated men, third class:		
Seamen branch, apprentice seamen (landsman)	17.60	33.00
Artificer branch, fireman, third class (coal passer)	24.20	48.00
Messman branch—		
Cabin steward	55.00	84.00
Cabin cook	49.50	84.00
Wardroom steward	55.00	72.00
Wardroom cook	49.50	72.00
Steerage steward	38.50	72.00
Steerage cook	33.00	72.00
Warrant officers' steward	38.50	60.00
Warrant officers' cook	33.00	60.00
Mess attendant, first class	26.40	42.00
Mess attendant, second class	22.00	36.00
Mess attendant, third class	17.60	33.00

[1] Ratings established by the Secretary of the Navy in Bureau of Navigation's Circular Letter No. 16-21 dated May 2, 1921, pursuant to authority contained in the act of Congress approved June 4, 1920.

NOTE.—The rates of pay shown in the column headed "New rate" are those prescribed by the act of May 18, 1920, for those in active service on the date of the approval of the act, during current enlistment and for those who enlist, reenlist, or extend their enlistment prior to July 1, 1922, for the term of such enlistment, reenlistment, or extended enlistment. Such rates are not subject to 10 per cent increase provided by the act of May 13, 1908, nor to the temporary war increase provided by the act of May 22, 1917, as amended by act of July 11, 1919. The act of May 18, 1920, did not operate to reduce the pay of any men.

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Permanent additions to pay.

Continuous service where requirements of regulations have been met:

For each reenlistment prior to Mar. 3, 1899	The monthly increase on account of, is...	$1.00 plus 10 per cent.
For each reenlistment subsequent to Mar. 3, 1899		1.36 plus 10 per cent.

C. S. C. money per month for consecutive reenlistments since Mar. 3, 1899 (including the 10 per cent)—

First	$1.496
Second	2.992
Third	4.488
Fourth	5.984
Fifth	7.48
Sixth	8.976
Seventh	10.472
Eighth	11.968

Citizenship pay ("G. O. 34"):

Where requirements of Regulations have been met, citizenship money per month (including the 10 per cent) is for each period stated—

First	$5.50
Second	8.80
Third	12.10
Fourth	15.40
Fifth	18.70
Sixth	22.00
Seventh	25.30
Eighth	28.60

Certificates:

Petty officers	2.20
Seamen gunners	2.20
Qualification (G. O. 62)	5.50

Good-conduct medals, pins, or bars:

One	0.825
Two	1.65
Three	2.475
Four	3.30
Five	4.125
Six	4.95
Seven	5.775
Eight	6.60

NOTE.—Pay-medal of honor, D. S. M., and N. C., see par. 19, p. 345.

GENERAL PROVISIONS.

1. *Increases provided by acts of May 13, 1908, and May 22, 1917.*—"The pay of all active and retired enlisted men of the Navy is hereby increased 10 per centum. (Act May 13, 1908.)

"Sec. 15. That commencing June first, nineteen hundred and seventeen, and continuing until not later than six months after the termination of the present war, all enlisted men of the Navy of the United States in active service whose base pay does not exceed $21 per month shall receive an increase of $15 per month; those whose base pay is over $21 and does not exceed $24 per month, an increase of $12 per month; those whose base pay is over $24 and less than $45 per month, an increase of $8 per month; and those whose base pay is $45 or more per month, an increase of $6 per month: *Provided*, That the increases of pay herein authorized shall not enter into the computation of continuous-service pay." (Act May 22, 1917. See Note above.)

(*a*) The additional base pay for enlisted men authorized by act May 22, 1917, for the duration of the war, applies to the base pay of the rate stripped of any additions by percentage or otherwise. (Comp. Dec., May 26, 1917.) (See (*e*) under par. 32.)

"The rates of pay prescribed in section 15 of an act entitled 'An act to temporarily increase the commissioned and warrant and enlisted strength of the Navy and Marine Corps, and for other purposes,' approved May 22, 1917, are hereby made the permanent rates of pay of the enlisted men of the Navy during their present current enlistment and for those who enlist or reenlist prior to July 1, 1920, for the term of such enlistment or reenlistment." (Act. July 11, 1919. See Note above.)

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2. *Increase of 10 per cent, act May 13, 1908, computation of.*—"The 10 per cent increase of pay provided for enlisted men of the Navy by the act of May 13, 1908, is computed on the base pay plus permanent additions, such as extra pay for continuous service, good-conduct medals, etc., transient additions, which require a special detail, such as gun pointers, messmen, etc., do not enter into the computation for this increase." (Comp. Dec., May 27, 1908. See Note above.)

3. *Pay, not reduced by act May 13, 1908.*—"Nothing herein shall be construed so as to reduce the pay or allowances now authorized by law for any commissioned, warrant, or appointed officer or any enlisted man of the active or retired lists of the Navy, and all laws inconsistent with this provision are hereby repealed." (Act May 13, 1908. See Note above.)

4. *Hospital Corps.*—"The pay, allowances, and emoluments of the enlisted men of the Hospital Corps shall be the same as are now, or may hereafter be, allowed for respective corresponding ratings * * * in the seamen branch of the Navy." (Act August 29, 1916.)

5. *Hospital fund.*—Twenty cents per month is deducted from the pay of each enlisted man of the Navy, to be applied to the fund for naval hospitals. (Sec. 4808, R. S.) The hospital fund for transferred members of the Fleet Naval Reserve is deducted from their retainer pay by the Navy allotment officer in Washington even when such members are on active duty. (S. and A. Memo. 197, p. 4297.)

6. *Retired pay.*—"The pay of all * * * enlisted men of the Navy now on the retired list shall be based on the pay, as herein provided for, of * * * enlisted men of corresponding rank and service on the active list; and all pay herein provided shall remain in force until changed by act of Congress." (Act May 13, 1908.)

7. *Retired men recalled to active duty, pay, advancement, etc.*—"The Secretary of the Navy is authorized, in time of war, or when, in the opinion of the President, war is threatened, to call any enlisted man on the retired list into active service for such duty as he may be able to perform. While so employed such enlisted men shall receive the same pay and allowances they were receiving when placed on the retired list." (Act. March 3, 1915.)

"That any enlisted man of the Navy or Marine Corps upon the retired list who has been ordered into active service since April sixth, nineteen hundred and seventeen, or who may hereafter be ordered into active service, shall be eligible for promotion and he shall be entitled to the pay and benefits of continuous service of such rank and for such length of time as he is or has been employed in active service, and when relieved of active service shall retain upon the retired list the rank and service held by him at the time of such relief, with the pay and allowances of such rank on the retired list." (Act July 1, 1918.)

8. *Absence, due to own misconduct, etc.*—"Hereafter no officer or enlisted man in the Navy or Marine Corps in active service who shall be absent from duty on account of injury, sickness, or disease resulting from his own intemperate use of drugs or alcoholic liquors, or other misconduct, shall receive pay for the period of such absence, the time so absent and the cause thereof to be ascertaind under such procedure and regulations as may be prescribed by the Secretary of the Navy: *Provided*, That an enlistment shall not be regarded as complete until the enlisted man shall have made good any time in excess of one day lost on account of injury, sickness, or disease resulting from his own intemperate use of drugs or alcoholic liquors, or other misconduct." (Act August 29, 1916, as amended by act of July 1, 1918.) No deduction of pay will be made on account of absence due to an injury incurred prior to July 1, 1918. (See G. O. 451–1913.)

9. *Rations.*—"All enlisted men in the Navy attached to any United States vessel or station and doing duty thereon shall be allowed a ration or commutation thereof." (N. R. 1823–4, 1920.) "Rations of enlisted men shall be commuted only upon the written order of the commanding officer." (N. R. 1823–7, 1920.) "The ration is not paid and shall not be commuted in advance." (Art. 4460, N. R. 1913.) Sections 1580 and 1581 of the Revised Statutes enumerate the components of the Navy ration. In the case of general court-martial prisoners the Secretary of the Navy is authorized to commute their rations, not to exceed 30 cents each, depending on the locality of the prison. (Act March 4, 1917.) (For "Subsistence, temporary duty ashore," see par. 20 under "Transient additions to pay.")

"Provisions, Navy: For provisions and commuted rations for the seamen and marines, which commuted rations may be paid to caterers of messes, in case of death or desertion, upon orders of the commanding officers, commuted rations for officers on sea duty (other than commissioned officers of the line, Medical and Supply Corps, chaplains, chief boatswains, chief gunners, chief carpenters, chief machinists, chief

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pay clerks, and chief sailmakers), 68 cents per diem, and midshipmen at $1.08 per diem * * *." (Act June 4, 1920.)

10. *Transportation of dependents.*—See paragraph 4, page 342, allowances, officers.

PERMANENT ADDITIONS TO PAY.

11. *Continuous-service pay.*—Any man who has received an honorable discharge from his last term of enlistment, or who has received a recommendation for reenlistment upon the expiration of his last term of enlistment, who reenlists for a term of four years within four months from the date of his discharge, shall receive an increase of $1.36 per month to the pay prescribed for the rating in which he serves for each successive reenlistment, and an extension of the period of enlistment, aggregating four years, shall be held and considered as equivalent to continuous service with respect to all rights, privileges, and benefits granted for such service pursuant to law. (Art. 4427-(23), N. R., 1913.) (See also par. 32 under "Transient additions.")

"That any enlisted man or apprentice seaman who shall reenlist in the Navy within one year from the date of his discharge therefrom shall, upon such reenlistment, be entitled to and shall receive the same benefits as are now authorized by law for reenlistment within four months from date of last discharge from the service *Provided*, That this section shall become inoperative six months after the date of the approval of this act." (Act approved May 18, 1920.)

"That hereafter enlistments in the Navy and Marine Corps may be for terms of two, three, or four years, and all laws now applicable to four-year enlistments shall apply, under such regulations as may be prescribed by the Secretary of the Navy, to enlistments for a shorter period with proportionate benefits upon discharge and reenlistment: *Provided*, That hereafter the Secretary of the Navy is authorized, in his discretion, to establish such grades and ratings as may be necessary for the proper administration of the enlisted personnel of the Navy and Marine Corps." (Act, Navy, approved June 4, 1920.)

"Any former member of class one of the United States Naval Reserve, established by act of March 3, 1915, * * * who shall have reenlisted in the Navy prior to May 1, 1917, shall be held and considered to have reenlisted within four months from the date of discharge from the Navy for the purpose of continuous-service pay." (Act March 4, 1917.)

"Any enlisted man of the Navy or Marine Corps who has been or may be discharged to enable him to accept appointment as a commissioned or warrant officer in the Naval Reserve Force or Marine Corps Reserve, and who reenlists in the Navy or Marine Corps after the termination of his reserve service, shall be entitled, in computing service for retirement, to credit for all active reserve service; and if he reenlists in the Navy or Marine Corps within four or three months, respectively, from the date of the termination of his service as an officer of the reserve he shall be restored to the grade or rank held by him before being discharged to accept such commission or warrant, and his service in the regular Navy or Marine Corps, including his active service in the Naval Reserve Force or Marine Corps Reserve, shall be regarded as continuous for purposes of continuous-service pay." (Act July 11, 1919.)

12. *Reenlistments subsequent to November 27, 1906—Pay under G. O. 34.*—"To provide adequate compensation for trained men, the regular pay for each rating in the Navy shall be increased $5 per month during the second period of service, and a further sum of $3 per month during each and every subsequent period of service; but only enlisted men who are citizens of the United States, and whose second and subsequent periods of service each follow next after service in the Navy that was terminated by reason of expiration of enlistment, shall receive the benefits of the increased pay named herein. In the cases of men who are or were finally discharged from the Navy by reason of expiration of enlistment, the first enlistment on or after November 27, 1906, shall be considered the second period of service which shall carry with it the increased pay provided by this paragraph; except that men discharged on recommendations of boards of medical survey shall, if they reenter the service, be given credit for any previous periods of service in the Navy which were terminated by reason of expiration of enlistment." (Executive order, November 27, 1906.) (General Order No. 34, November 28, 1906; N. R. 4427 (25), 1913.)

(*a*) The risk of making payments to enlisted men of the Navy under "General Order No. 34" rests solely upon the officer making them. It is incumbent upon an officer (of the Supply Corps) to satisfy himself as to the sufficiency of the evidence of citizenship presented, and it is his right to refuse to make such payment unless, in his judgment, such evidence is legally sufficient. (Comp. Dec., December 10, 1912.)

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13. *Chief petty officers, permanent appointment.*—"All chief petty officers of the Navy, including chief water tenders, who shall receive permanent appointments after qualifying therefor, shall be paid at the rate of $70 a month." (N. R. 4427 (18), 1913.)

NOTE.—Rate of pay increased to $126 per month, effective until June 30, 1922. (Act May 18, 1920.)

14. *Seamen gunners' certificates, etc.*—"Men who have successfully completed a prescribed course of instruction for seamen gunners or petty officers may be given, by the Bureau of Navigation, a certificate to that effect, which shall entitle them to receive $2 per month in addition to the pay of the rating in which they are serving; such certificates to continue in force only during the enlistments in which the men were respectively graduated, unless renewed by reenlistment for four years within four months from the date of honorable discharge. Men holding certificates as seamen gunners are entitled to the pay prescribed for said rating and are entitled to reenlist at any time as such at the base rate of $26 per month; but if given any other rating than that of seaman gunner the holder of a seaman gunner's certificate shall not receive additional pay therefor unless in continuous service." (Executive order of September 4, 1902.)

15. *Certificate of qualification.*—"Stewards and cooks in the messmen branch who are citizens of the United States and who hold or may receive certificates of qualification as stewards or cooks shall receive $5 per month additional to the pay of their rating while holding such certificate, such additional pay to be of a permanent character as regular pay." (Executive order, January 28, 1908; promulgated by Navy Department in G. O. 62, February 7, 1908.)

16. *Good-conduct medals.*—"Each enlisted man of the Navy [except mates] and Marine Corps shall receive 75 cents per month, in addition to the pay of his rating, for each good-conduct medal, pin, or bar which he may heretofore have been, or shall hereafter be, awarded. The date of the award of a good-conduct medal, pin, or bar shall be the date of the holder's discharge by reason of the expiration of the enlistment for which the medal, pin, or bar is given, or the date of the expiration of the original enlistment in the event the enlistment is extended, the allowance of 75 cents per month being reckoned from said date of award." (Executive order of September 4, 1902, promulgated by Navy Department in G. O. 108, September 11, 1902.) (See also N. R. 1710, 1920.)

17. *Medal of honor, distinguished service medal, Navy cross.*—"That each enlisted or enrolled person of the naval service to whom is awarded a medal of honor, distinguished-service medal, or Navy cross shall, for each such award, be entitled to additional pay at the rate of $2 per month from the date of the distinguished act or service on which the award is based, and each bar, or other suitable emblem or insignia, in lieu of a medal of honor, distinguished-service medal, or Navy cross, as hereinafter provided for, shall entitle him to further additional pay at the rate of $2 per month from the date of the distinguished act or service for which the bar is awarded, and such additional pay shall continue throughout his active service, whether such service shall or shall not be continuous." (Act February 4, 1919, 40 Stat. 1056.)

TRANSIENT ADDITIONS TO PAY.

18. *Seamen in charge of hold.*—"Seamen in charge of holds shall receive $5 per month in addition to their pay." (Art. 4427 (12), N. R. 1913.)

19. *Coxswains of steam launches, etc.*—"Coxswains detailed as coxswains of boats propelled by machinery, or as coxswains to commanders in chief, shall receive $5 per month in addition to their pay." (Art 4427 (10), N. R. 1913.)

20. *Petty officers, allowance in lieu of quarters and rations.*—"Petty officers of the Navy performing duty which deprives them of quarters and their rations or commutation thereof shall receive $9 per month in addition to the pay of their rating." (Art. 4427 (6), N. R. 1913.)

21. *Subsistence, temporary duty ashore.*—"Subsistence furnished to enlisted men attached to ships of the Navy, when unavoidably detained on shore, under orders, or absent by authority for one day or more from the ship to which attached, shall be charged to appropriation 'Provisions, Navy.' During the time of such subsistence their rations shall be stopped on board ship, and no credit for commutation therefor shall be given." (Art. 4427 (7), N. R. 1913.)

When such authorized absence is for less than one day, and ration is not checked on pay roll, cost of subsistence shall be paid on public bill, under appropriation "Pay, miscellaneous." (Art. 4427 (7), N. R. 1913. See Comp. Dec., December 9, 1907.)

For subsistence allowance to enlisted and enrolled personnel of the naval service on duty at shore stations or on detached duty from vessels or shore stations, for whom

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neither quarters nor messing facilities are available and who are not lodged or subsisted to any extent at Government expense, see article 9300 et seq., "Instructions governing the handling of enlisted personnel—Bureau of Navigation."

22. *Divers, service as.*—"Enlisted men of the Navy, not under instruction or diving for practice, shall, when employed in submarine diving, receive extra compensation therefor, to be charged to the bureau for which the service is performed, at the rate of $1.20 per hour for the actual time so employed under water." (Art. 4427 (33), N. R. 1913.

23. *Duty in fireroom.*—Every seaman, landsman, or marine who performs the duty of a fireman on board any vessel of war shall be entitled to receive in addition to the pay of his rating extra compensation at the rate of 33 cents per day for the time he is employed as "fireman." (Sec. R. S. 1570 as amended by act March 29, 1918.)

24. *Gun captains.*—"Enlisted men of the Navy regularly detailed by the commanding officer of a vessel as gun captains, at guns of 3-inch caliber and above, shall receive, in addition to the pay of their respective rating, $5 per month, which, in the case of men holding certificates of graduation from the gun-captain class, petty officers' school, shall include the $2 per month to which such certificates entitle them." (Bu. Nav. Manual D-4530.)

25. *Gun pointers.*—"Enlisted men of the Navy, after having qualified as gun pointers, according to the standards of markmanship and rules that may be prescribed from time to time by the Secretary of the Navy, who are regularly detailed as gun pointers by the commanding officer of the vessel, shall receive monthly, in addition to the pay of their respective ratings, extra pay as follows: Heavy gun pointers (for guns of 8-inch caliber or larger), first class, $10; second class, $6. Intermediate gun pointers (for guns from 4-inch to 7-inch, inclusive), first class, $8; second class, $4. Secondary gun pointers (for guns from 1-pounder to 3-inch, inclusive), first class, $4; second class, $2." (Art. 4427 (19), N. R. 1913.)

(*a*) Extra pay shall be allowed a gun pointer during such time only as he remains qualified, and only while he is regularly detailed as a gun pointer at a gun of the class at which he qualified." (Art. 4427 (19), N. R. 1913, and General Order No. 57, December 9, 1907.)

26. *Jacks-of-the-dust, lamplighters, etc.*—Seamen second class detailed as Jacks-of-the-dust, or as lamplighters, shall receive $5 per month in addition to their pay. (Art. 4427 (13), N. R. 1913.)

27. *Navy mail clerks.*—"Enlisted men detailed as Navy mail clerks receive, in addition to the pay of their rating, the following monthly compensation:

"On board vessels and with expeditionary forces serving ashore, having a complement of 650 or more officers and men, $30.

"On board receiving ships, and tenders on active duty with submarine divisions, $25.

"On board vessels and with expeditionary forces serving ashore having complements of more than 249 and less than 650, $25.

"On board vessels and with expeditionary forces serving ashore having complements of more than 124 and less than 250, $20.

"On board vessels having complements of more than 34 and less than 125 (except station tugs and barges), $10." (Art. 4427 (31b), N. R. 1913.)

The designation of enlisted men of the Navy and Marine Corps as Navy mail clerks and assistant Navy mail clerks for duty at stations and shore establishments under the jurisdiction of the Navy Department is authorized where the services of mail clerks are necessary. (Act July 1, 1918.)

(*h*) *Assistant Navy mail clerks.*—"Enlisted men designated as assistant Navy mail clerks shall receive $15 per month in addition to the pay of their rating." (Art. 4427 (31c), N. R. 1913.)

(*i*) The appointment of an assistant mail clerk for duty on a flagship is not revoked by reason of the temporary transfer of the flag to another vessel.

28. *Messmen.*—"Enlisted men detailed as messmen shall, while so acting, except when assigned as reliefs during the temporary absence of the regular messmen, receive extra compensation at the rate of $5 per month." (Art. 4427 (14), N. R. 1913.)

29. *Signalmen.*—"Enlisted men regularly detailed as signalmen shall receive the following extra compensation in addition to the monthly pay of their rating: Signalmen, first class, $3; signalmen, second class, $2; signalmen, third class, $1." (Art. 4427 (17), N. R. 1913.)

30. *Service on submarines.*—"All enlisted men of the Navy shall receive $5 per month in addition to their pay while serving on board of submarine vessels of the Navy. Besides the $5 per month extra pay allowed them for submarine service, enlisted men serving with submarine torpedo boats, and having been reported by their commanding officers to the Navy Department as qualified for submarine torpedo

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boat work, shall receive $1 additional pay for each day during any part of which they shall have been submerged in a submarine boat while under way; but such further additional pay shall not exceed $15 in any one calendar month. To be eligible for recommendation by their commanding officers as 'qualified for submarine torpedo boat work,' in order to receive the benefits of this paragraph, men must fulfill the requirement prescribed by the Bureau of Navigation." (Art. 4427 (11), N. R. 1913.)

31. *Ship's tailor and tailor's helper.*—"Any enlisted man of the Navy detailed to perform the duties of ship's tailor on board of a vessel having a complement of 600 men or more, exclusive of marines, shall receive $20 per month in addition to the monthly pay of his rating; on a vessel having a complement of from 300 to 600 men, exclusive of marines, $15 per month in addition to the monthly pay of his rating; on a vessel having a complement of less than 300 men and not less than 100 men, exclusive of marines, $10 per month in addition to the monthly pay of his rating. Any enlisted man of the Navy detailed as tailor's helper on board of a vessel having a complement of 600 men or more, exclusive of marines, shall receive $10 per month in addition to the monthly pay of his rating; but the total pay of an enlisted man detailed to perform the duties of ship's tailor shall not exceed $50 per month, and of tailor's helper shall not exceed $40 per month." (Art. 4427 (21), N. R. 1913.)

32. *Detained after expiration of enlistment.*—"Enlisted men afloat detained beyond their regular term of enlistment until the return to the United States of the vessel to which they belong, under the provisions of section 1422 of the Revised Statutes, shall receive for the time during which they are so detained an addition of one-fourth of their former pay, computed on the total pay which they are entitled to receive; but if an enlisted man be retained in the service after the expiration of his enlistment at his own request, he is not entitled to the one-fourth additional pay. In order to sustain a charge for such additional payment the supply officer must produce, upon the settlement of his account, a certificate from the commanding officer that the persons to whom such additional compensation has been allowed did reenlist as aforesaid or were detained by such commanding officer under the provisions of the said section." (Art. 4427 (15), N. R. 1913.)

33. *Honorable discharge gratuity.*—"That the term of enlistment of all enlisted men of the United States Navy other than those who are enlisted during minority shall be four years. (See under par. 11 for law authorizing short-term enlistment.)

"That the term of enlistment of any enlisted man in the Navy may, by his voluntary written agreement, under such regulations as may be prescribed by the Secretary of the Navy with the approval of the President, be extended for a period of either one, two, three, or four full years from the date of expiration of the then existing four-year term of enlistment, and subsequent to said date such enlisted men as extend the term of enlistment as authorized in this section shall be entitled to and shall receive the same pay and allowances in all respects as though regularly discharged and reenlisted immediately upon expiration of their term of enlistment, and such extension shall not operate to deprive them upon discharge at the termination thereof of any right, privilege, or benefit to which they would be entitled at the expiration of a four-year term of enlistment.

"That section 1573 of the Revised Statutes of the United States as amended by section 16 of an act entitled 'An act to reorganize and increase the efficiency of the personnel of the Navy and Marine Corps of the United States,' approved March 3, 1899, be, and the same is hereby, amended to read as follows: 'If any enlisted man or apprentice, being honorably discharged, shall reenlist for four years within four months thereafter, he shall, on presenting his honorable discharge or on accounting in a satisfactory manner for its loss, be entitled to a gratuity of four months' pay equal in amount to that which he would have received if he had been employed in the actual service: *Provided*, That any enlisted man in the Navy whose term of enlistment has been extended for an aggregate of four years shall, after the expiration of the preceding four-year term of enlistment upon which the extension is made and if otherwise entitled to an honorable discharge, be paid the gratuity above provided: *And provided*, That any man who has received an honorable discharge from his last term of enlistment, or who has received a recommendation for reenlistment upon the expiration of his last term of enlistment, who reenlists for a term of four years within four months from the date of his discharge, shall receive an increase of $1.36 per month to the pay prescribed for the rating in which he serves for each successive reenlistment: *And provided*, That an extension of the period of enlistment as hereinbefore authorized, aggregating four years, shall be held and considered as equivalent to continuous service with respect to all rights, privileges, and benefits granted for such service pursuant to law.'" (Act August 22, 1912.)

"*Provided*, That men who have enrolled in the Fleet Naval Reserve within four months of the date of their discharge from the regular naval service shall, upon reen-

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listment in the regular naval service within four months of the date of discharge from the Fleet Naval Reserve, be entitled to the same gratuity and additional pay as if they had reenlisted in the regular naval service within four months of discharge therefrom." (Act August 29, 1916.)

"Any enlisted man of the Navy, Marine Corps, or Coast Guard who since February 3, 1917, and before November 11, 1918, enlisted for the period of four years shall upon his application made to the Secretary of the Navy on or before September 1, 1919, be held and construed to have enlisted for the duration of the war and shall when discharged be granted an honorable discharge. * * * *Provided*, That said enlisted man is otherwise entitled to an honorable discharge: * * * *Provided further*, That any enlisted man who takes advantage of the provisions of this paragraph to secure a discharge from the Navy, Marine Corps, or Coast Guard, and thereafter reenlists within four months in the Navy or in the Marine Corps, under conditions as now prescribed by law, for a period of four years, shall be entitled to receive the benefits of the gratuity pay provided by existing law for reenlistments." (Act July 11, 1919.) (For law authorizing reenlistments within one year from date of discharge, see par. 14.)

"Enlisted men of the Navy, Marine Corps, and Coast Guard who enlisted for the period of the war or enlisted for a period of four years between February 3, 1917, and November 11, 1918, and have their status changed to that of men who enlisted for the period of the war if otherwise entitled to an honorable discharge, may, under such regulations as the Secretary of the Navy may prescribe, extend their enlistments for a period of one, two, three, or four full years, and shall be entitled to and receive the same rights, privileges, pay, and allowances in all respects as now provided by law for men who extend enlistment on completion of terms of enlistment, except as to gratuity pay: *Provided*, That as to gratuity pay, such enlisted men who extend their enlistment as before provided shall be entitled to receive an allowance of one month's pay for extending their enlistment for one year, two months' pay for extending their enlistment for two years, three months' pay for extending their enlistment for three years, and in the Navy four months' pay for extending their enlistment for four years." (Act July 11, 1919.)

"That hereafter no enlisted man in the Navy shall be paid on reenlistment an honorable discharge gratuity, or any proportionate part thereof, in excess of any amount equal to one month's pay for each year of service in the last expiring enlistment of such enlisted man." (Act July 12, 1921.)

"That hereafter any enlistment for minority in the Navy or Marine Corps may be extended as is provided by law for extending of an enlistment for a term of four years, under similar conditions and with like rights, privileges, benefits, and obligations." (Act April 25, 1917.)

(Note.—For other comptroller's decisions relating to honorable-discharge gratuity see under Continuous-Service Certificate, General Order No. 34, Mileage, Reservists, Travel Allowance, etc.)

34. *Clothing bounty.*—"During the fiscal year ending June 30, 1921, the clothing and small stores fund shall be charged with the value of all issues of clothing and small stores made to enlisted men and apprentice seamen required as outfits on first enlistment, not to exceed $100 each, and for civilian clothing not to exceed $15 per man for men given discharges for bad conduct, undesirability, or inaptitude, and the uniform gratuity paid to officers of the Naval Reserve Force." (Act, Navy, June 4, 1920.)

35. *Clothing—Bad conduct.*—"Any person discharged from the Navy with a bad-conduct discharge, as undesirable, or for inaptitude, shall be required to dispose of his outer naval uniforms and shall be furnished with a suit of civilian clothes. The suit of civilian clothes should be procured by the discharged person at his own expense if possible, or be supplied at no expense to the Government whenever practicable. If necessary the suit shall be furnished at the expense of the Government at a cost not exceeding $15 in each case." (Art. 1686 (3) N. R. 1920.)

36. *Marine disaster clothing.*—The act of October 6, 1917, provides for reimbursing officers and men for articles of uniform lost in a marine disaster. Reimbursement in kind is made, where possible; in cash, under certain circumstances and conditions. Claims for reimbursement should be prepared—officers, on S. and A. form 377; men, on S. and A. forms 378 and 378a, copies of which may be obtained from supply officers. The blanks give full instructions for preparation, forwarding, etc.

37. *Credits, prizes.*—Gunnery (see N. I., 4886, 1913); small arm (see "The Landing Force Manual").

38. *Credits, gratuity for heroism.*—(See N. R. 1709–5–1920.)

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39. *Travel allowance—*

"That an enlisted man honorably discharged from the Army, Navy, or Marine Corps, since November 11, 1918, or who may hereafter be honorably discharged shall receive 5 cents per mile from the place of his discharge to his actual bona fide home or residence or original muster into the service, at his option: *Provided*, That for sea travel on discharge, transportation and subsistence only shall be furnished to enlisted men: *Provided*, That naval reservists duly enrolled who have been honorably released from active service since November 11, 1918, or who may hereafter be honorably released from active service shall be entitled likewise to receive mileage as aforesaid." (Act February 28, 1919.)

"Discharged prisoners * * * will be furnished transportation requests as heretofore. All men given other than a dishonorable, bad conduct, or undesirable discharge are to be considered as honorably discharged * * *. All reservists released from active duty considered as honorably released. Place of muster into service is place of enlistment or enrollment * * *. Actual bona fide home or residence is to be considered as home address indicated on papers. Should man claim different actual home or residence, pay to home as indicated on papers * * *. Should discharged man designate point of lesser distance [than to home shown on papers] have him sign written statement to the effect that matter fully explained to him * * *" and forward for file with records. (All Nav. 85, March 13, 1919. See also p. 4816, Bu. Memo. 217.)

"All enlisted men of the Navy and Coast Guard who have served in the war with the German Government and who may hereafter be discharged or who have been discharged from the service since November 11, 1918, and before the expiration of their full enlistment shall receive, under such rules and regulations as the Secretary of the Navy may prescribe, an honorable discharge and shall receive 5 cents per mile from the place of his discharge to his actual bona fide home or residence, or original muster into the service, at his option: *Provided*, That for sea travel on discharge, transportation and subsistence only shall be furnished to enlisted men: *Provided*, That the records of such men warrant such honorable discharge." (Act July 11, 1919.)

"That in case any enlisted man or enrolled man who, since the 11th day of November, 1918, has been or hereafter shall be discharged from any branch or class of the naval service for the purpose or reenlisting in the Navy or Marine Corps or heretofore has extended or hereafter shall extend his enlistment therein, he shall be entitled to the payment of the $60 bonus provided in section 1406 of the act entitled * * *, approved February 24, 1919, and to travel pay as authorized in section 3 of the act * * * approved February 28, 1919: *Provided*, That only one bonus shall be paid to the same person." (Sec. 6, Act, Navy, approved June 4, 1920.)

40. *Bonus of $60.*—"That all persons serving in the military or naval forces of the United States during the present war who have, since April 6, 1917, resigned or been discharged under honorable conditions (or, in the case of reservists, been placed on inactive duty) or who at any time hereafter (but not later than the termination of the current enlistment or term of service) in the case of the enlisted personnel and female nurses, or within one year after the termination of the present war in the case of officers, may resign or be discharged under honorable conditions (or, in the case of reservists, be placed on inactive duty), shall be paid, in addition to all other amounts due them in pursuance of law, $60 each.

"This amount shall not be paid (1) to any person who though appointed or inducted into the military or naval forces on or prior to November 11, 1918, had not reported for duty at his station on or prior to such date; or (2) to any person who has already received one month's pay under the provisions of section 9 of the act entitled 'An act to authorize the President to increase temporarily the military establishment of the United States,' approved May 18, 1917; or (3) to any person who is entitled to retired pay; or (4) to the heirs or legal representatives of any person entitled to any payment under this section who has died or may die before receiving such payment. In the case of any person who subsequent to separation from the service as above specified has been appointed or inducted into the military or naval forces of the United States and has been or is again separated from the service as above specified, only one payment of $60 shall be made.

"The above amount, in the case of separation from the service on or prior to the passage of this act, shall be paid as soon as practicable after the passage of this act, and in the case of separation from the service after the passage of this act shall be paid at the time of such separation.

"The amounts herein provided for shall be paid out of the appropriations for 'pay of the Army' and 'pay of the Navy,' respectively, by such disbursing officers as may be designated by the Secretary of War and the Secretary of the Navy.

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"The Secretary of War and the Secretary of the Navy, respectively, shall make all regulations necessary for the enforcement of the provisions of this section." (Act February 24, 1919; Bu. Memo. 216; see also Act June 4, 1920, under Travel Allowance, par. 41.)

"The beneficiaries of this act are: Officers and enlisted men of the regular Navy, all reservists, male and female, officers and men of the Marine Corps, and all persons in the service of the Coast Guard, Coast and Geodetic Survey, and Lighthouse Service who have performed active duty with the Navy during the present war. No person who is entitled to retired pay on return to inactive duty shall receive this gratuity. The act of 18 May, 1917, referred to, affects only certain persons discharged from the Army at the discretion of the President." (Bu. Memo. 216, p. 4794.)

41. *Chief petty officers detailed as instructors of apprentice seamen.*—"Chief petty officers detailed as instructors of apprentice seamen at naval stations who qualify as instructors by examination shall receive hereafter, in addition to their pay, the sum of $10 per month while so detailed, such pay to be considered extra pay for special duty. Chief petty officers must be citizens of the United States and serving under continuous service in order to be eligible for examination for detail as instructors of apprentice seamen at naval stations. They must also qualify in accordance with the requirements prescribed by the Bureau of Navigation." (General Order No. 34, November 28, 1906; Art. 4427 (26), N. R. 1913.)

42. *Apprentice chief petty officers.*—"Apprentice seamen detailed as apprentice chief petty officers, apprentice petty officers, first, second, or third class, in connection with the instruction of apprentice seamen at naval stations, shall receive hereafter, in addition to their pay, the sum of $2.50, $2, $1.50, and $1 each per month, respectively, while so detailed; such pay to be considered extra pay for special duty. The complement of apprentice seamen authorized at each naval station as apprentice petty officers shall be four (one of each rating) for each 75 apprentice seamen under training at the station." (General Order No. 34, November 28, 1906; Art. 4427 (27), N. R., 1913.)

Pay and allowances, insular force.

The Secretary of the Navy is authorized to enlist in the insular force, United States Navy, not to exceed 500 Filipinos in the following ratings and at the following rates of pay (Art. 4429, N. R. 1913):

Rates.	Monthly pay.
Native coxswains	$15
Native seamen	12
Native seamen, second class	10
Native machinists, first class	28
Native machinists, second class	20
Native firemen, first class	18
Native firemen, second class	15
Native firemen, third class	11
Native stewards	15
Native cooks	13
Native mess attendants	8

Pay and allowances of Nurse Corps (female).

	Base pay (annual).	Increase provided by act May 18, 1920.
Superintendent	$2,400	$480
Nurses, for the first period of three years' service	720	144
Nurses, for the second period of three years' service	780	156
Nurses, for the third period of three years' service	840	168
Nurses, for the fourth period of three years' service	900	180
Nurses, after 12 years' service (including all service as contract nurse)	960	192
Chief nurses, in addition to the pay of a nurse	360	72
(Army act July 9, 1918; Army act Feb. 28, 1919.)		

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NOTE.—The act of May 18, 1920, provided for a 20 per cent increase in the pay of all nurses during the period January 1, 1920, to June 30, 1922. The 20 per cent is applicable to the additional pay allowed to chief nurses, but not to the $10 allowed all nurses when serving beyond the continental limits of the United States. (See Comp. Dec., May 27, 1920.)

1. "The Nurse Corps (female) of the United States Navy is hereby established and shall consist of one superintendent, to be appointed by the Secretary of the Navy, who shall be a graduate of a hospital training school having a course of instruction of not less than two years, whose term of office may be terminated at his discretion, and of as many chief nurses, nurses, and reserve nurses as may be needed: *Provided*, That all nurses in the Nurse Corps shall be appointed or removed by the Surgeon General with the approval of the Secretary of the Navy, and that they shall be graduates of hospital training schools having a course of instruction not less than two years. The appointment of superintendent, chief nurses, nurses, and reserve nurses shall be subject to an examination as to their professional, moral, mental, and physical fitness, and that they shall be eligible for duty at naval hospitals and on board of hospital and ambulance ships and for such special duty as may be deemed necessary by the Surgeon General of the Navy. Reserve nurses may be assigned to active duty when the necessities of the service demand, and when on such duty shall receive the pay and allowances of nurses: *Provided*, That they shall receive no compensation except when on active duty. The superintendent, chief nurses, and nurses shall respectively receive the same pay, allowances, emoluments, and privileges as are now or may hereafter be provided by or in pursuance of law for the Nurse Corps (female) of the Army." (Act May 13, 1908. See also Art. 1649, N. R. 1920.)

"That members of said Nurse Corps [Army] shall receive transportation and necessary expenses when traveling under orders, and such allowances of quarters and subsistence and during illness such medical care as may be prescribed in regulations by the Secretary of War; and at places where no public quarters are available, commutation in lieu thereof, and of heat and light therefor at such rates and upon such conditions as are now or shall hereafter be provided by law." (Army act July 9, 1918.)

2. *Accounts.*—"Upon original entry into the service of a member of the Nurse Corps (female), the officer taking up the account will require a copy of the nurses' appointment, or, if in reserve, a certificate of her enrollment, as the case may be, showing thereon over the proper signature the date on which oath was accomplished, and in addition a duplicate copy of her orders to duty. Upon transfer, copies of her accounts and duplicate copies of her orders will be furnished as vouchers to substantiate the pay roll." (S. and A. Memo. 195, p. 4237.)

"Pay accounts of nurses will be carried as are the pay accounts of officers. * * * Nurses are in no sense enlisted, being appointed from civil life as the result of the need of certain professional qualifications which they possess. They will be given the consideration shown officers in all cases affecting pay and allowances." (Bu. Memo. 209, p. 4592.)

(*a*) Pay of nurses will be counted from date oath is taken (if not prior to date of appointment), when followed by entrance on active duty. (Comp. Dec., November 17, 1913.)

3. *Longevity.*—Members of the Nurse Corps (female) of the Navy are entitled to credit, from and after approval of the act of March 23, 1910, for prior service in the Nurse Corps (female) of the Army. (Comp. Dec., July 22, 1910.)

In calculating longevity pay for nurses, credit for previous service in the Nurse Corps of the Army or the Navy will be allowed. (Comp. Dec., June 22, 1910.)

4. *Pay, assigned as chief nurse.*—"A chief nurse is appointed to a position which she continues to hold and which carries pay until relief from duty is accomplished by removal by the Surgeon General with approval of the Secretary of War." (Op. Judge Advocate General of the Army, January 31, 1919.)

(*a*) A nurse assigned as acting chief nurse, receives the pay of chief nurse while acting. (Comp. Dec., January 12, 1911.)

5. *Allowances of superintendent.*—The superintendent shall be entitled to the same allowances, when on duty, as other members of the Nurse Corps. (Art. 4428 (8) N. R. 1913.)

6. *Commutation of rations and subsistence allowances.*—"Members of the Army Nurse Corps when on detached service and when rations in kind are not issued to them, commutation of rations will be paid at the rate of $2.50 per day." (Par. 1223–e (6), Army Regulations as changed by C. A. R. 108.)

"Female nurses at expiration of * * * leave, will be paid commutation of rations at the money value of one ration per diem, provided that on or before the last day of * * * leave they shall have reported at their proper station or have been discharged." (Par. 1223–d (1), Army Regulations as changed by C. A. R. 107.)

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"Cost of meals and lodgings, including tips, not to exceed $5 a day for the first 30 days of temporary duty at places designated in the orders for the performance of temporary duty, and at a flat per diem allowance of $1.50 a day after the first 30 days of temporary duty at any one place." (Par. 733, Army Regulations 1913 as amended by C. A. R. 78, dated August 19, 1918.) (At hospitals where no mess is established, etc., see Comp. Dec., April 28, 1919.)

(*a*) When on duty at a hospital where no accommodations are available, the expense of board and lodging procured for members of the Nurse Corps detailed for duty is a proper charge against the United States. (S. and A. Memo. 199; Comp. Dec., September 11. 1917.)

(*b*) When on duty on a hospital ship nurses who are required to maintain a separate mess are entitled to have their rations commuted at the actual cost of the ration plus the various percentages of such cost. The "actual cost of ration" being the actual cost to the Government. (Comp. Dec., November 18, 1920.)

7. *Commutation of quarters, heat, and light.*—"When on detached service or assigned to special duty in places where there are no public quarters available, the allowance of quarters for each member of the Nurse Corps is fixed at two rooms [at $12 per month each] on which basis commutation of quarters will be paid. Commutation of heat and light will be paid for the number of rooms actually occupied not exceeding two." (Art. 1045 Army Regulations, 1913; see also Comp. Dec., November 24, 1917.)

Commutation of quarters (and heat and light) "will be credited on the pay roll upon the certificate of the senior officer at the hospital or station where members of said Nurse Corps may be serving that application for, and no assignment of quarters has been made, and that Government quarters are not available." (Act June 24, 1910.) (Art. 4513 (10), N. R. 1913.)

8. *Hospital fund.*—Nurses shall be checked 20 cents a month for the hospital fund. (Art. 4428 (5), N. R. 1913.)

9. *Foreign service pay.*—All nurses are entitled to $10 a month extra pay when serving beyond the continental limits of the United States (except Porto Rico and Hawaii) (Army act July 9, 1918); said additional pay to commence on date of sailing from the United States under orders for foreign duty. (Comp. Dec., April 12, 1911.)

10. *Leave.*—Nurses "shall be entitled to cumulative leave of absence with pay at the rate 30 days for each calendar year of service in said corps, not exceeding, however, 120 days at one time, and in addition thereto sick leave not exceeding 30 days in any one calendar year in cases of illness or injury incurred in the line of duty." (Army act, July 9, 1918.)

11. *Travel allowances.*—(See par. 1, second paragraph thereof; for schedule of travel allowances, see Art. 123, N. I. 1913.)

(*a*) As members of the Nurse Corps (female) of the Navy are entitled to the same traveling allowances as the members of the Nurse Corps (female) of the Army, the Army Regulations (prescribing classes of expenses and maximum amounts allowed therefor for Army nurses when traveling under orders) must be held to apply to the members of the Nurse Corps (female) of the Navy when traveling under orders. (Comp. Dec., July 9, 1913.)

(*b*) Navy nurses are entitled to receive the travel allowances provided for nurses of the Army; also such additional allowance for transportation of themselves and baggage in cases where this service is performed by the Government for Army nurses. (Comp. Dec., March 28, 1914.)

12. *Reserve nurses.*—"Reserve nurses, when upon active duty, will receive the same pay as nurses who have served in the corps for periods corresponding to the full period of their active service." (Army act, July 9, 1918.)

13. *Death gratuity.*—The provisions of the act of December 17, 1919, authorizing payment of death gratuity of six months' pay are not applicable to nurses. (Comp. Dec., September 22, 1920.)

Pay and Allowances of Naval Reserve Force.

(Acts of August 29, 1916; July 1, 2918.)

1. The Naval Reserve Force is divided into six classes, designated as follows:
   Class 1. The Fleet Naval Reserve.
   Class 2. The Naval Reserve.
   Class 3. The Naval Auxiliary Reserve.
   Class 4. The Naval Coast Defense Reserve.
   Class 5. The Naval Reserve Flying Corps.
   Class 6. The Volunteer Naval Reserve.

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2. *Regulations, promotions, transfers, reenrollments.*—"Enrolled members of the Naval Reserve Force when in active service shall be subject to the laws, regulations, and orders for the government of the regular Navy * * *." (Act July 1, 1918.)

In time of peace no officer of any class of the Naval Reserve Force shall be promoted above the grade of lieutenant commander, "but in time of war or other national emergency officers of the Naval Reserve Force of and above the grade of lieutenant commander in active service shall be eligible for selection for promotion to the next higher grade or rank." (Act July 1, 1918.)

"That in time of peace the Secretary of the Navy is authorized, in his discretion, to order any member of the Naval Reserve Force, with his consent, who has been confirmed in his rank, grade, or rating, to perform any duty afloat for any period of time for which his services may be required: *Provided*, That such members may be relieved from duty by the Secretary of the Navy at any time and shall, upon their own application, be released from said duty within four months from the date of their application therefor." (Act July 1, 1918.)

"That all members of the Naval Reserve Force shall be eligible for reenrollment in the rank, grade, or rating held on the termination of their last enrollment." (Act July 1, 1918.)

"Enrolled men of the Naval Reserve Force and of the Marine Corps Reserve, other than commissioned and warrant officers, who have performed active duty during the war, may, upon their own application, be transferred to the regular Navy and Marine Corps, respectively, to serve the unexpired term of their enrollment in such rating or rank as they may be found qualified under such regulations as the Secretary of the Navy may prescribe: *Provided*, That men so transferred shall have at least one year to serve in the regular Navy or Marine Corps before the expiration of their current enlistment: * * * *Provided further*, That enrolled men so transferred shall be entitled to and receive the same pay, rights, privileges, and allowances in all respects as now provided by existing law for men regularly discharged and reenlisted immediately upon expiration of their full four-year enlistment in the regular Navy or Marine Corps." (Act July 11, 1919.)

3. *Retainer pay—Prior to confirmation.*—"The retainer pay of all members of the Naval Reserve Force except the Volunteer Naval Reserve while enrolled in a provisional rank or rating, and until such time as they shall have been confirmed in such rank or rating, shall be $12 per annum." (Act August 29, 1916.)

This pay is paid to members by the Government in return for their obligation to serve in the Navy in time of war or national emergency. This pay "shall be in addition to any pay to which a member may be entitled by reason of active service" (Act August 29, 1916), except "that in time of peace no member of any class of the Naval Reserve Force shall be entitled to retainer pay when assigned to active duty for purposes other than training." (Act July 1, 1918.)

"*Provided*, That retainer pay provided by existing law shall not be paid to any member of the Naval Reserve Force who fails to train as provided by law during the year for which he fails to train." (Act, Navy, approved June 4, 1920.)

4. *Retainer pay—After confirmation.*—After confirmation in rank, grade, or rating the annual retainer pay of members of the Naval Reserve Force, except officers in the Naval Auxiliary Reserve and transferred members of the Fleet Naval Reserve, "shall be the equivalent of two months' base pay of the corresponding rank, grade, or rating in the Navy, but the highest base pay upon which the retainer pay of officers of the Naval Reserve Force shall be computed shall not be greater than the base pay of a lieutenant commander. Service in the Navy, Marine Corps, National Naval Volunteers, and Naval Militia shall be counted as continuous service in the Naval Reserve Force both for the purposes of retirement and of computing retainer pay: * * * *Provided* * * * That no retainer pay of any member of the Naval Reserve Force except those enlisted men transferred to the Fleet Naval Reserve after 16 or 20 or more years' naval service shall be in excess of the amount authorized to members having had 16 years' continuous service therein." (Act July 1, 1918.)

5. *Retainer pay—Checkages and credits.*—"No checkage will be made against retainer pay until it is known that other efforts to secure adjustment have been unsuccessful. * * * No credits will be made to retainer pay." (S. and A. Memo. 219, p. 4864.)

"* * * But any member [of the Fleet Naval Reserve—except transferred enlisted men] who has failed to perform three months' active service with the Navy in any term of enrollment shall, on the next reenrollment, receive retainer pay at the rate of $12 per annum until such time as he shall have completed three months' active service." (Act August 29, 1916.) (See par. 17 "Penalties.")

6. *Retainer pay, reenrollment.*—"Service in the Navy, Marine Corps, National Naval Volunteers, and Naval Militia shall be counted as continuous service in the

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Naval Reserve Force both for the purpose of retirement and of computing retainer pay." (Act July 1, 1918; Comp. Dec., October 14, 1918.)

Members who reenroll for four years within four months after discharge from a previous enrollment and who have performed during such previous enrollment the minimum amount of active service "shall for each such enrollment receive an increase of 25 per cent of their base retainer pay." (Act August 29, 1916.) Such total increases, however, are limited to 100 per cent. (Comp. Dec., January 15, 1919.)

7. *Pay and allowances—Active service.*—Members of the Naval Reserve Force when employed in active service ashore or afloat, under the Navy Department, shall receive the same pay and allowances as received by the officers and enlisted men of the regular Navy of the same rank, grades, or ratings and of the same length of service, which shall include service in the Navy, Marine Corps, Naval Reserve Force, Naval Militia, National Naval Volunteers, or Marine Corps Reserve." (Act July 1, 1918.)

8. *Minimum active service.*—The minimum active service required for maintaining the efficiency of members of the Naval Reserve Force is as follows:

The Fleet Naval Reserve: Three months' active service with the Navy in any term of enrollment, which may be taken in one or mare periods at the election of the member. (Act August 29, 1916.)

"* * * That hereafter the minimum amount of active service required for the maintenance of the efficiency of the Fleet Naval Reserve shall be the same as for the Naval Reserve." (Act Navy (sec. 9), approved June 4, 1920.)

The Naval Reserve: Two months during each term of enrollment and an attendance at not less than 36 drills during each year or other equivalent duty. The active service may be in one period or in periods of not less than 15 days each. (Act July 1, 1918.)

The Naval Auxiliary Reserve: As may be prescribed by the Secretary of the Navy. (Act August 29, 1916.)

The Naval Coast Defense Reserve: Same as for the Naval Reserve.

The Volunteer Naval Reserve: No period specified.

The Naval Reserve Flying Corps: Same as for the Naval Reserve.

9. *Clothing.*—Members of the Naval Reserve Force shall, upon first reporting for active service for training during each enrollment, be credited with a uniform gratuity or to a "gratuitous issue of uniform" as follows:

In time of peace, officers, $50. (Act August 29, 1916.)

In time of peace, members other than officers, such gratuitous issue of uniforms as may be prescribed by Secretary of the Navy. (Act July 1, 1918.)

In time of war or national emergency, officers, $150. (Act August 29, 1916.)

In time of war or national emergency, members other than officers enrolling on or subsequent to July 1, 1918, the same gratuitous issue of uniform as that prescribed for enlisted men of the Navy.

In time of war or national emergency and during a current enrollment where a member has previously been credited the peace-time gratuity, such member would be entitled to the war-time gratuity less previous peace-time credits. If a member severs his connection with the service without compulsion on the part of the Government before the term of enrollment has expired, "the amount so credited shall be deducted from any money that may become due him." (Act August 29, 1916.)

"That no part of the clothing gratuity credited to members of the Naval Reserve Force shall be deducted from their accounts where said members accept or have accepted temporary appointments in the Navy in time of war or other national emergency." (Act July 1, 1918.)

10. *Subsistence.*—See paragraph 20, under "Transient additions to pay."

11. *Retirement.*—"That no member of the Naval Reserve Force (except transferred enlisted members of the Fleet Naval Reserve) shall be eligible for retirement other than for physical disability incurred in the line of duty." (Act July 1, 1918.)

12. *Disenrollment at age 64.*—"That members of the Naval Reserve Force shall, upon reaching the age of 64 years, be disenrolled, except that in time of war or other national emergency such members of the Naval Reserve Force, if in active service, may be continued therein during such period as the Secretary of the Navy may determine, but not longer than six months after said war or other national emergency shall cease to exist." (Act July 1, 1918.)

CLASS 1.—FLEET NAVAL RESERVE.

13. *Membership.*—

(*a*) "All former officers of the United States naval service, including midshipmen who have left the service under honorable conditions.

(*b*) "Citizens of the United States who have been or may be entitled to be honorably discharged from the naval service after not less than one four-year term of enlistment or after a term of enlistment during minority and who shall have enrolled in the Naval Reserve Force, shall be eligible for membership in the Fleet Naval Reserve."

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(*c*) By transfer from the naval service, upon voluntary application and in the discretion of the Secretary of the Navy, enlisted men at the expiration of an enlistment completing 16 years' naval service, who may then be entitled to an honorable discharge.

(*d*) And by transfer from the naval service upon voluntary application therefor, and in the discretion of the Secretary of the Navy, enlisted men "with 20 or more years naval service."

Service in the Civil or Spanish-American Wars can not be counted as double time in computing service of enlisted men for transfer to the Fleet Naval Reserve. (Comp. Dec., May 14, 1918.)

14. *Pay allowances, etc., of—*

"Former officers" (as named in par. 13 (*a*) supra): Pay, retainer, prior to confirmation, see paragraph 3; after confirmation, see paragraph 4; pay, active service, see paragraph 7; clothing, see paragraph 9.

"Citizens" (as named in par. 13 (*b*) supra): Pay and allowances, same references as "Former officers," preceding.

"Sixteen-year service men" (as named in par. 13 (*c*) supra): Pay, retainer, one-third of "the base pay they were receiving at the close of their last naval service plus all permanent additions thereto," increased by 10 per cent if "credited with extraordinary heroism in the line of duty."

Pay, active service, see paragraph 7; clothing, see paragraph 9; retirement, see "20-year service men," below.

"Twenty-year service men" (as named in par. 13 (*d*) supra): Pay, retainer, one-half of the "base pay they were receiving at the close of their last naval service plus all permanent additions thereto," increased by 10 per cent if "credited with extraordinary heroism in the line of duty" or whose average marks in conduct for 20 years or more shall not be less than 95 per centum of the maximum. (Act August 29, 1916.)

Pay, active service, see paragraph 7; clothing, see paragraph 9.

(*a*) The increase of pay provided by the act May 22, 1917, and as made permanent within certain bounds by the act July 11, 1919, is to be included as base pay in calculating the retainer pay of transferred members of the Fleet Naval Reserve. (Comp. Dec., September 30, 1919.) (This decision shows detailed method of computing such retainer pay.)

"*Provided further*, That the retainer pay of those members of the Fleet Naval Reserve who, pursuant to call, shall return to active duty within one month after the approval of this act and shall continue on active duty until the Navy shall have been recruited up to its permanent authorized strength * * * but not beyond June 30, 1922, shall be computed upon the base pay they are receiving when retransferred to inactive duty, plus the additions or increases prescribed in the naval appropriation act approved August 29, 1916, for members of the Fleet Naval Reserve." (Act May 18, 1920.)

Retirement: Upon completing 30 years' service (16 and 20 years' Fleet Reserve men) members may, upon their own request, "be placed on the retired list of the Navy with the pay they were then receiving plus the allowances to which enlisted men of the same rating are entitled on retirement after 30 years' naval service." (Act August 29, 1916.)

In computing 30 years' service, service in the Navy, Marine Corps, National Naval Volunteers, Naval Militia (act July 1, 1918), and Fleet Naval Reserve (act August 29, 1916) shall be counted.

15. *Hospital fund.*—The hospital fund of transferred members of the Fleet Naval Reserve is deducted from their retainer pay. (S. and A. Memo. 197, p. 4297.)

16. *Travel allowance.*—"No member shall be entitled to travel allowance unless the period of such active service is for not less than one month or unless specifically provided for by such regulations as may be prescribed by the Secretary of the Navy." (Act Aug. 29, 1916.)

17. *Penalties.*—"Any pay which may be due any member of the Fleet Naval Reserve shall be forfeited when so ordered by the Secretary of the Navy upon the failure, under such conditions as may be prescribed by the Secretary of the Navy, of such man to report for inspection." (Act Aug. 29, 1916.)

"That hereafter the Secretary of the Navy may, in his discretion, withhold any part or all of the retainer pay which may be due a member of the Naval Reserve Force where such member fails to perform such duty as may be prescribed by law for the maintenance of the Naval Reserve Force: *Provided*, That any money so withheld shall be credited to the appropriation for organizing and administering the Naval Reserve Force to be used for any purpose that the Secretary of the Navy may consider proper to increase the efficiency of the Naval Reserve Force * * *." (Act, Navy, approved June 4, 1920.)

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CLASS 2.—NAVAL RESERVE.

18. *Pay, retainer.*—Before confirmation, $12 per annum; after confirmation in rank or rating, "two months' base pay of any corresponding rank or rating in the Navy," but not higher (for officer) than the base pay of a lieutenant commander.

CLASS 3.—NAVAL AUXILIARY RESERVE.

19. *Pay, retainer.*—Before confirmation, $12 per annum; "after confirmation in rank or rating * * * for officers: One month's base pay of the corresponding rank in the Navy but not above that of base pay of a lieutenant commander; and for men: Two months' base pay of the corresponding rating in the Navy."

Pay, active duty.—While on active duty a member will receive the full pay of his rank or rating.

CLASS 4.—NAVAL COAST DEFENSE RESERVE.

20. *Pay, retainer.*—Before confirmation, $12 per annum; after confirmation in rank or rating, "two months' base pay of the corresponding rank or rating in the Navy."

CLASS 5.—NAVAL RESERVE FLYING CORPS.

21. *Pay, retainer.*—Before confirmation, $12 per annum; after conrfimation in rank or rating, "two months' base pay of the corresponding rank or rating in the Navy."

CLASS 6.—VOLUNTEER NAVAL RESERVE.

22. Members of this class are eligible for membership in any one of the other classes of the Naval Reserve Force and obligate themselves to serve in the Navy in any one of said classes without retainer pay and uniform gratuity in time of peace.

(*a*) In time of war officers of Volunteer Naval Reserve on active duty are entitled to uniform gratuity of $150 for a full term enrollment. (Comp. Dec., August 7, 1917.)

NAVAL MILITIA AND NATIONAL NAVAL VOLUNTEERS.

"That upon the approval of this act all laws heretofore enacted by the Congress relating to the Naval Militia and the National Naval Volunteers be, and the same hereby are, repealed; and the President is authorized to transfer as a class all members of the National Naval Volunteers to the class 'the Naval Reserve,' 'the Naval Reserve Flying Corps,' or 'the Marine Corps Reserve' of the Naval Reserve Force or the Marine Corps Reserve, for general service, in the confirmed rank, grade, or rating they now hold in the National Naval Volunteers." (Act July 1, 1918.) The transfer authorized by the act preceding was effected July 1, 1918. (See G. O. 400–1913.)

Provided further, That until June 30, 1922, of the Organized Militia as provided by law, such part as may be duly prescribed in any State, Territory, or the District of Columbia shall constitute a Naval Militia; and until June 30, 1922, such of the Naval Militia as now is in existence, and as now organized and prescribed by the Secretary of the Navy under authority of the act of Congress approved February 16, 1914, shall be a part of the Naval Reserve Force, and the Secretary of the Navy is authorized to maintain and provide for said Naval Militia as provided in said act." (Naval appropriation act, June 4, 1920.)

Table 79.—MARINE CORPS PAY TABLE.

PAY OF OFFICERS AND ENLISTED MEN, UNITED STATES MARINE CORPS, ACT OF MAY 11, 1918.

[Excerpt of statement issued by office of the paymaster of the Marine Corps.]

TABLE 1.—*Pay of officers of the United States Marine Corps.*

Grade.	Pay.
Major General Commandant	$8,000
Brigadier generals	6,000
Colonels	4,000
Lieutenant colonels	3,500
Majors	3,000
Captains, and leader of band	2,400
First lieutenants	2,000
Second lieutenants	1,700
Marine gunners and quartermaster clerks (for rates see pay table No. 2 for warrant officers, Navy.)	

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1. *Bonus.*— * * * That commencing January 1, 1920, commissioned officers of the * * * Marine Corps * * * shall be paid, in addition to all pay and allowances now allowed by law, increases at rates per annum as follows: colonels * * * $600; lieutenant colonels * * * $600; majors * * * $840; captains * * * $720; first lieutenants * * * $600; second lieutenants * * * $420. * * * (Act of May 18, 1920; 41 Stat. 601.)

2. *Pay, assimilated with Army.*—"The officers of the Marine Corps shall be entitled to receive the same pay and allowance, * * * as are or may be provided by or in pursuance of law for officers * * * of like grades in the Infantry of the Army." (Sec. 1612, R. S.)

3. *Pay, longevity.*—(*a*) "There shall be allowed and paid to each commissioned officer below the rank of brigadier general, including chaplains and others having assimilated rank and pay, ten per centum of their current yearly pay for each term of five years' service." (Sec. 1262, R. S.)

(*b*) "The total amount of such increase for length of service shall in no case exceed forty per centum on the yearly pay of the grade as provided by law." (Sec. 1263, R. S.)

(*c*) "In no case shall the pay of a colonel exceed five thousand dollars a year, the pay of a lieutenant colonel exceed four thousand five hundred dollars a year, or the pay of a major exceed four thousand dollars a year." (Sec. 1267, R. S., as amended by the act of May 11, 1908.)

(*d*) Longevity pay of officers is computed from date of acceptance of appointment: *Provided*, That hereafter longevity pay for officers in the Army, Navy, Marine Corps, Coast Guard, Public Health Service, and Coast and Geodetic Survey shall be based on the total of all service in any or all of said services. (Act of May 18, 1920; 41 Stat. 601.)

3. *Pay, on leave.*—(*a*) "Officers when absent on account of sickness (except as provided in par. 4 below) or wounds, or lawfully absent from duty and waiting orders, shall receive full pay; when absent with leave, for other causes, full pay during such absence not exceeding in the aggregate thirty days in one year, and half pay during such absence exceeding thirty days in one year. When absent without leave, they shall forfeit all pay during such absence, unless the absence is excused as unavoidable." (Sec. 1265, R. S.)

(*b*) "In the discretion of the Secretary of War, leave of absence without deduction of pay and allowances may be extended to four months if taken only once in four years." (Act July 29, 1876; 19 Stat. 102.)

4. *Pay while absent, sick.*—No officer or enlisted man absent from duty on account of sickness, disease, or injury resulting from his own intemperate use of drugs, alcoholic liquors, or other misconduct shall received pay for such period of absence. (Acts April 27, 1914; August 29, 1916; and July 1, 1918.)

5. *Pay, additional, for foreign service.*—(*a*) "*Provided*, That hereafter the pay proper of all officers serving beyond the limits of the States comprising the Union and the Territories of the United States contiguous thereto shall be increased ten per centum over and above the rates of pay proper as fixed by law for time of peace, and the time of such service shall be counted from the date of departure from said States to the date of return thereto." (Both dates inclusive; see 13 Comp. 632.) (Act March 2, 1901; 31 Stat. 903.) (See also act of March 3, 1901; 31 Stat. 1108; and Army act of June 30, 1902.)

(*b*) By the act of June 12, 1906 (34 Stat. 247), officers serving in Porto Rico and Hawaii are excepted from the provisions of the above act (13 Comp. 33). This does not include the Marine Corps; see note below, case of Vulte *v.* United States.

(*c*) "Increase of pay for service beyond the limits of the States comprising the Union and the Territories of the United States contiguous thereto shall be as now provided by law." (Act May 11, 1908.) The provisions of this act are construed to continue the limitation imposed by the act of June 12, 1906, above, as to Porto Rico and Hawaii. (Comp. Dec., June 2, 1908.)

An officer or enlisted man of the Marine Corps serving in Porto Rico since the act of March 2, 1901 (31 Stat., 903) is respectively entitled to 10 and 20 per cent increase of pay for such service, as well as during the outward and return voyages. (Court of Claims of the United States No. 30481 (decided April 1, 1912), Nelson P. Vulte *v.* United States.) Under this decision officers and men of the Marine Corps continued to be entitled to 10 and 20 per cent increase while serving in Canal Zone, Panama, Hawaii, or Porto Rico until the act of August 24, 1912, quoted in (*f*) below.

(*d*) The 10 per cent increase for foreign service is computed on base pay and permanent additions only. (Sup. Ct., March 13, 1905; Mills Dec. and Compts. Dec., May 19 and June 4, 1915: 21 Compt. 811 and 848, respy.)

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(Under the above, foreign-service pay of officers should be computed on base and longevity pay only.)

(*e*) Officers and men of a marine battalion on shore duty, who are not specifically detached from this duty but are embarked on a transport for passage for special temporary expeditionary duty beyond seas, are while in such status, entitled to foreign service pay. (See also Comp. Dec., November 7, 1911; p. 1912, Bu. Memo. No. 129.) (Comp. Dec., March 22, 1912.)

(*f*) "*Provided*, That hereafter the laws allowing increase of pay to officers and enlisted men for foreign service shall not apply to service in the Canal Zone, Panama, or Hawaii or Porto Rico. (Act of August 24, 1912, 37 Stat. 576.)

(*g*) When officers and men are assigned to shore duty abroad they become entitled to the additional pay when they start upon that duty. When the orders to shore duty abroad are given before departure from the United States the pay begins upon departure, but when given abroad the pay begins upon landing, The officers are entitled to traveling expenses (mess bill) from the time of departure to time of arrival at objective point. (Comp. Dec., June 5, 1914; Bu. Memo. 160, p. 3253.)

(*h*) "*Provided further*, That marine gunners and quartermaster clerks of the Marine Corps assigned on foreign shore service shall be entitled to the same increased compensation and under the same conditions as is now or hereafter allowed by law to commissioned officers of the Marine Corps." (Act March 4, 1917, 39 Stat. 1188.)

(*i*) *Sea pay.—Provided*, That the increased compensation as now fixed by law for the Marine Corps for foreign shore service shall hereafter be paid to the officers and enlisted men of that corps while on sea duty, in the same manner and under the same conditions as is provided by the act approved May 13, 1908, for officers of the Navy. (Act March 3, 1915.) Officers or men are not entitled to sea pay under this act while in confinement awaiting or undergoing trials (Compts. Dec., August 24, 1915; Bu. Memo. 174, p. 3766), nor while on leave or furlough (see Comp. Dec., June 8, 1915, Memo. 172, p. 3703). Entitled to sea pay for duty performed at sea under orders though not formally or technically attached to the vessel as part of her complement (see 22 Comp. 271).

6. *Pay for providing mounts.*—(*a*) "In case any officer below the grade of major, required to be mounted, provides himself with suitable mounts at his own expense, he shall receive an addition to his pay of $150 per annum if he provides one mount, and $200 per annum if he provides two mounts." (Act May 11, 1908.)

(*b*) Officers required by regulations or orders from proper authority to be mounted may obtain the additional pay for providing such mounts in the following manner: By filing with the first voucher (N. M. C. 426) on which credit is claimed duplicate copies of their orders requiring them to be mounted, together with proper certificates from their commanding officer that the mount, or mounts, are in all respects suitable for the military service and conform to the standards for mounts prescribed by proper authority (citing authority). Subsequent vouchers need only refer to the original authority and the first voucher with which such authority is filed.

(*c*) An officer of the Marine Corps required to be mounted, and who provides himself with a suitable mount at his own expense, is, while temporarily detached from the station where his mount is kept, entitled to mounted pay so long as his mount is actually and exclusively owned and kept for his use in the military service. (Comp. Dec., April 19, 1912.)

7. *Pay aviation duty.*—(*a*) Hereafter officers of the Navy and Marine Corps appointed student naval aviators, while lawfully detailed for duty involving actual flying in aircraft, including balloons, dirigibles, and aeroplanes, shall receive the pay and allowances of their rank and service plus 35 per cent increase thereof, and those officers who have heretofore qualified, or may hereafter qualify, as naval aviators, under such rules and regulations as have been or may be prescribed by the Secretary of the Navy, shall, while lawfully detailed for duty involving actual flying in aircraft, receive the pay and allowances of their rank and service plus 50 per cent increase thereof: * * * Hereafter enlisted men of the Navy or Marine Corps, while detailed for duty involving actual flying in aircraft, shall receive the pay, and the permanent additions thereto, including allowances, of their rating and service, or rank and service, as the case may be, plus 50 per cent increase thereof. (Act of March 3, 1915.)

(*b*) The act approved August 29, 1916, provides that the officers detailed and the enlisted men of the Naval Flying Corps shall receive the same pay and allowances that are now provided by law for officers and enlisted men of the same grade or rank and rating in the Navy and Marine Corps detailed to duty with aircraft involving actual flying.

(*c*) The act approved August 29, 1916, provides that nothing in this act shall be so construed as to prevent the detail of officers and enlisted men of other branches of the

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Navy as student aviators or student airmen in such numbers as the needs of the service may require. Such officers and enlisted men, while detailed as student aviators and student airmen involving actual flying in aircraft, shall receive the same pay and allowances that are now provided by law for officers and enlisted men of the same grade or rank and rating in the Navy detailed for duty with aircraft.

(*d*) This increase applies to base and longevity pay only. Not computed on sea or foreign service pay. (See 22 Comp., p. 11.) Entitled to increase while on leave. (See Comp. Dec., Bu. Memo., 162, p. 3333.)

(*e*) That hereafter the allowances of officers, enlisted men, and student flyers of the naval service shall in no case be increased by reason of the performance of aviation duty. (Act of July 1, 1918.)

8. *Pay, retired officers.*—(*a*) "Officers retired from active service shall receive 75 per cent of the pay of the rank upon which they are retired." (R. S. 1274.)

(*b*) "The commissioned officers of the Marine Corps shall be retired in like cases, in the same manner, and with the same realtive conditions in all respects as are provided for officers of the Army * * *." (R. S. 1622.)

(*c*) Officers below the grade of lieutenant colonel assigned to active duty are entitled, while so assigned, to receive the full pay and allowances of their respective grades, but retired officers above the grade of major, assigned to active duty, receive only the full retired pay of their grade, except that a colonel or lieutenant colonel, assigned to active duty, shall receive the same pay and allowances as a retired major would receive under a similar assignment. (Act of June 12, 1906.)

The act approved August 29, 1916, provides that hereafter any retired officer of the naval service who shall be detailed on active duty shall, while so serving, receive the active-duty pay and allowances of the grade, not above that of lieutenant commander in the Navy or of major in the Marine Corps, that he would have attained in due course of promotion if he had remained on the active list for a period beyond the date of his retirement equal to the total amount of time during which he has been detailed on active duty since his retirement: *Provided*, That nothing herein shall be construed to reduce the pay of any retired officer on active duty whose retired pay exceeds the active-duty pay and allowances for the grade of lieutenant commander.

(*d*) "*Provided*, That assignments which have been or may hereafter be made of retired officers of the Army to active duty as acting quartermasters shall be regarded as assignments to staff duties not involving service with troops within the meaning of the act of Congress approved April 23, 1904."

(*e*) "*Provided, further*, That hereafter any retired officer of the Army who has been detailed to active duty, and who has, since his retirement, served on active detail, shall be entitled to increases of longevity pay to be computed as provided by existing statute for the computation of longevity pay for the time of his service before retirement and on active detail since his retirement." (Act May 12, 1917, 40 Stat. 48.) (See 23 Comp., 715.)

(*f*) That hereafter, during the existence of war or of a national emergency declared by the President to exist, any commissioned or warrant officer of the Navy, Marine Corps, or Coast Guard of the United States on the retired list may, in the discretion of the Secretary of the Navy, be ordered to active duty at sea or on shore; and any retired officer performing such active duty in time of war or national emergency, declared as aforesaid, shall be entitled to promotion on the retired list to the grade or rank not above that of a lieutenant commander in the Navy or major in the Marine Corps or captain in the Coast Guard, and shall thereafter receive the pay and allowances thereof, which his total active service as an officer both prior and subsequent to retirement, in the manner rendered by him, would have enabled him to attain in due course of promotion had such service been rendered continuously on the active list during the period of time last past. (Act July 1, 1918.)

(*g*) That during the existence of war or of a national emergency, declared as aforesaid any commissioned or warrant officer of the Navy, Marine Corps, or Coast Guard of the United States on the retired list, while on active duty, may be temporarily advanced to and commissioned in such higher grade or rank on the retired list, not above that of lieutenant commander in the Navy or major in the Marine Corps, or captain in the Coast Guard, as the President may determine, and any officer so advanced shall, while on active duty, be entitled to the same pay and allowances as officers of like grade or on the active list: *Provided*, That any such commissioned or warrant officer who has been so temporarily advanced in grade or rank shall, upon his relief from active duty, or in any case not later than six months after the termination of the war or of the national emergency, declared as aforesaid, revert to the grade or rank on the retired list and to the pay and allowance status which he would have held had he not been so temporarily advanced: *Provided further*, That nothing in this act shall operate to reduce the pay and allowances now allowed by law to retired officers. (Act July 1, 1918.)

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9. *Hospital fund.*—(*a*) Twenty cents per month is deducted from the pay of each person of the Navy and Marine Corps, active and retired, to be applied to the naval hospital fund. (R. S. 1614.)

(*b*) Officers, active or retired, admitted to naval, Army, marine, or other hospitals, where the expenses are paid by the United States, are checked the value of one Navy ration (68 cents) per day to be credited to the naval-hospital fund. (R. S. 4812 and Arts. R. 4521 and R. 4522, Navy Reg., 1913.) (Act October 6, 1917; Bu. Memo. 200, p. 4390. Act of June 4, 1920.)

ALLOWANCES—OFFICERS MARINE CORPS.

10. *Mileage and traveling expenses—without troops.*—(*a*) Officers of all grades, whether active or retired, are allowed mileage at the rate of 8 cents per mile for travel under competent orders on duty without troops in the United States, and to actual and necessary expenses for such travel abroad, or for repeated travel in the United States. (See act of June 10, 1896 (29 Stat., 376), act of Aug. 5, 1882 (22 Stat., 286), and 8 Comp. Dec., 123, as to mileage and travel abroad, and act July 1, 1902, and Art. 4495 (5) and (6), Navy Reg., 1913, as to repeated travel.)

(*b*) *Travel with troops.*—For travel on duty with troops, transportation only is allowed officers for all travel in the United States, the home waters thereof, and for travel in the Philippine Archipelago, the Hawaiian Archipelago, and between the United States and Alaska; but for all other sea travel (except when regularly attached to vessels of the Navy for duty) on duty with troops actual expenses only, not including any shore expenses at port of embarkation or debarkation. (Army act June 12, 1906; Comp. Dec., Nov. 9, 1906—case of Maj. Myers.)

11. *Commutation of quarters.*—(*a*) "Where there are public quarters belonging to the United States, officers may be furnished with quarters in kind, in such public quarters, and not elsewhere, by the Quartermaster's Department, assigning to the officers of each grade, respectively, such number of rooms as is stated in the following table:

	Rooms.		Rooms.
Marine gunners and quartermasters clerks and pay clerks	2	Majors	5
Second lieutenants	2	Lieutenant colonels	6
First lieutenants	3	Colonels	7
Captains	4	Brigadier generals	8
		Major generals	9

"*Provided*, That hereafter at places where there are no public quarters available commutation for the authorized allowance therefor shall be paid to commissioned officers * * * and pay clerks at the rate of $12 per room per month" * * *. (See Army act of March 4, 1915.)

12. *Allowance, heat, and light.*—"Hereafter heat and light actually necessary for the authorized allowance of quarters for officers and enlisted men shall be furnished at the expense of the United States under such regulations as the Secretary of War may prescribe." (Army act Mar. 2, 1907.) By the act of March 4, 1915, commutation of heat and light is authorized in the cases of officers occupying quarters other than public.

13. *Leader of band.—Pay and allowances.*—"The leader of the United States Marine Band shall have the pay and allowances of a captain." (Act August 29, 1916.)

14. For allowances of marine gunners and quartermaster clerks see Navy pay tables and "Remarks" concerning warrant officers.

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TABLE 2.—*Monthly rates of pay of enlisted men, U. S. Marine Corps (act of June 4, 1920, 41 Stat. 759.)*

	Base pay.	Add 20 per cent increase as of first 5 grades.	Less than 5 years' service.	After 5 years' service.	After 10 years' service.	After 15 years' service.	After 20 years' service.
First grade:							
Sergeant major	$74.00	$14.80	$88.80	$96.20	$103.60	$111.00	[1] $118.40
Quartermaster sergeant	74.00	14.80	88.80	96.20	103.60	111.00	[1] 118.40
Second grade:							
First sergeant	53.00	10.60	63.60	68.90	74.20	79.50	[1] 84.80
Gunnery sergeant	53.00	10.60	63.60	68.90	74.20	79.50	[1] 84.80
Drum major	53.00	10.60	63.60	68.90	74.20	79.50	[1] 84.80
Third grade: None	45.00	9.00	54.00	58.50	63.00	67.50	[1] 72.00
Fourth grade: Sergeant	45.00	9.00	54.00	58.50	63.00	67.50	72.00
Fifth grade: Corporal	37.00	7.40	44.40	48.10	51.80	55.50	59.20
Sixth grade: Private, first class.	35.00	[2]	35.00	38.50	42.00	45.50	49.00
Seventh grade:							
Private	30.00	[2]	30.00	33.00	36.00	39.00	42.00
Drummer	30.00	[2]	30.00	33.00	36.00	39.00	42.00
Trumpeter	30.00	[2]	30.00	33.00	36.00	39.00	42.00

[1] The enlisted men of the first, secnod, and third grades are entitled to the additional ration and the transportation privileges under sections 5 and 12 of the act of May 18, 1920.

[2] Enlisted men of the sixth and seventh grades may be rated as specialists and receive extra pay therefor per month as follows: Specialist, third class, $15; specialist, fourth class, $12; specialist, fifth class, $8; specialist, sixth class, $3

Commutation of quarters for dependents is applicable to enlisted men of the first three grades.

Additional pay per month.

Mess sergeant	$6.00
Cooks, first class	10.00
Cooks, second class	8.00
Cooks, third class	7.00
Cooks, fourth class	5.00
Messmen (ashore and afloat). (See S. O. No. 90, Sept. 3, 1908)	5.00
Gun captains	5.00
Gun pointers:	
Heavy-gun pointers—	
First class	10.00
Second class	6.00
Intermediate-gun pointers—	
First class	8.00
Second class	4.00
Secondary-gun pointers—	
First class	4.00
Second class	2.00
Signalmen, first class (ashore and afloat)	3.00
Signalmen, second class do	2.00
Signalmen, third class do	1.00
Expert riflemen do	5.00
Sharpshooters do	3.00
Marksmen do	2.00
For each conduct medal, pin, or bar	.99
Members of Marine Band, for playing at White House and public grounds	4.00
Navy mail clerks, same rates as Navy. (See Arts. 4442 (11) and 4427 (31), Navy Reg., 1913.)	
Medal of honor, distinguished service cross, or distinguished service medal awarded for services in or with the United States Army or Navy. (Act July 9, 1918; act Feb. 4, 1919)	2.00
Privates detailed for duty in fire room, per diem (1570 R. S.)	.30

PAY IN GENERAL.

1. *Pay assimilated with Army.*—(*a*) * * * "The enlisted men of the Marine Corps shall be entitled to receive the same pay and bounty for reenlisting as are or may be provided by or in pursuance of law for * * * enlisted men of like grades in the Infantry of the Army." (R. S. 1612.)

(*b*) "No officer or enlisted man absent from duty on account of sickness, disease, or injury resulting from his own intemperate use of drugs, alcoholic liquors, or other misconduct shall receive pay for such period of absence." (Acts of April 27, 1914, August 29, 1916, and July 1, 1918.)

(*c*) Sergeant majors and quartermaster sergeants are entitled to the pay of regimental sergeant majors and regimental quartermaster sergeants, United States Army, respectively. (6 Comp. Dec. 599.)

(*d*) That the pay of drum major shall be the same as that now established, or that may be hereafter established, for first sergeants in the Marine Corps of the same length of service. (Naval appropriation act, approved July 26, 1894.)

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(*e*) The pay of members of the United States Marine Band is fixed by the act of August 29, 1916. By this act the leader of the band is given the pay and allowances of a captain, the second leader is given the allowances of a sergeant major, and the musicians the allowances of a sergeant.

(*f*) *Bounty for reenlistment.*—Enlisted men of the * * * Marine Corps * * * who enlisted for the period of the war or enlisted for a period of four years between February 3, 1917, and November 11, 1918, and have their status changed to that of men who enlisted for the period of the war, if otherwise entitled to an honorable discharge, may under such regulations as the Secretary of the Navy may prescribe, extend their enlistments for a period of one, two, three, or four full years, and shall be entitled to and receive the same rights, privileges, pay, and allowances in all respects as now provided by law for men who extend enlistment on completion of terms of enlistment, except as to gratuity pay: *Provided*, That, as to gratuity pay, such enlisted men who extend their enlistment as before provided shall be entitled to receive an allowance of one month's pay for extending their enlistment one year, two month's pay for extending their enlistment for two years, three months' pay for extending their enlistment for three years, and in the Navy four months' pay for extending their enlistment for four years. (Act of July 11, 1919; 41 Stat. 139–140.)

(*g*) *Travel pay.*—That an enlisted man honorably discharged from the Army, Navy, or Marine Corps since November 11, 1918, or who may hereafter be honorably discharged shall receive 5 cents per mile from the place of his discharge to his actual bona fide home or residence, or original muster into the service, at his option: *Provided*, That, for sea travel on discharge, transportation and subsistence only shall be furnished to enlisted men: *Provided*, That naval reservists duly enrolled who have been honorably released from active service since November 11, 1918, or who may hereafter be honorably released from active service, shall be entitled likewise to receive mileage as aforesaid." (Act of February 28, 1919; 39 Stat. 217; 40 Stat. 1203.)

(*k*) *Hospital fund.*—Twenty cents per month will continue to be deducted from the above rates, as usual, for the naval hospital fund.

LONGEVITY PAY—ENLISTED MEN.

2. (*a*) Existing laws providing for continuous service pay are repealed to take effect July 1, 1920, and thereafter enlisted men shall receive an increase of 10 per centum of their base pay for each five years of service in the Army, or service which by existing laws is held to be the equivalent of Army service, such service not to exceed 40 per centum. (Army reorganization act of June 4, 1920, 41 Stat. 761.)

(*b*) Section 4 of the Army reorganization act of June 4, 1920 (41 Stat. 761), repeals from July 1, 1920, all preceding legislation providing for continuous service pay in the Army and Marine Corps, except so far as the saving clause in said section may prevent the reduction of the pay of enlisted men, continuous-service pay being "pay" within the terms as used in the saving clause. (27 Comp. 31.)

(*c*) In computing the longevity pay of any enlisted man now in the Marine Corps, under the act of June 4, 1920 (41 Stat. 761), repealing all laws providing for continuous service pay and substituting in lieu thereof longevity pay, all prior service on the active list in the Army, Navy, and Marine Corps, whether in consecutive or dissevered periods, shall be counted. (27 Comp., August 17, 1920.)

FOREIGN-SERVICE PAY.

3. (*a*) "The pay proper of all enlisted men serving beyond the limits of the States comprising the Union and the Territories of the United States contiguous thereto shall be increased 20 per cent over and above the rates of pay proper as fixed by law for time of peace, and the time of such service shall be counted from the date of departure from the said States to the date of return thereto" (both dates inclusive). (Act March 2, 1901, 31 Stat. 903. See also act of March 3, 1901, 31 Stat. 1108, and Army act of June 30, 1902.)

"That increase of pay for service beyond the limits of the States comprising the Union and the Territories of the United States contiguous thereto shall be as now provided by law." (Act May 11, 1908.) The effect of this provision is to continue the limitation imposed by the act of June 12, 1906, as to pay for service in Porto Rico and Hawaii. (Comp. Dec., June 2, 1908.) "*Provided*, That hereafter the laws allowing increase of pay to officers and enlisted men for foreign service shall not apply to service in the Canal Zone, Panama, or Hawaii, or Porto Rico." (Act August 24, 1912, 37 Stat. 576.)

(*b*) "The term 'pay proper' means compensation which may properly be designated as 'pay' as distinguished from allowances." (Sup. Ct., March 13, 1905.) But by the

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comptroller's decision of May 19, 1915 (21 Comp., p. 811) foreign-service pay is computed on base pay, pay for continuous service, and pay for good-conduct medals only.

(*c*) Enlisted men transferred from ships to foreign shore stations for the purpose of transfer to the United States or for treatment in hospital, if subsequently returned to ship, are not entitled to 20 per cent increase pay during the time ashore or while en route to the United States.

(*d*) Sea pay: *Provided*, That the increased compensation as now fixed by law for the Marine Corps for foreign shore service shall hereafter be paid to the officers and enlisted men of that corps while on sea duty, in the same manner and under the same conditions as is provided by the act approved May 13, 1908, for officers of the Navy. (Act March 3, 1915.) Officers and enlisted men are not entitled to sea pay under this act while in confinement awaiting or undergoing trial (Comp. Dec., August 24, 1915, Bu. Memo. 174, p. 3766), nor while on leave or furlough. (See Comp. Dec., June 8, 1915, Bu. Memo. 172, p. 3703.)

Entitled to sea pay for duty performed at sea under orders, though not formally or technically attached to the vessel as part of her complement. (See 22 Comp. 271.)

ADDITIONAL PAY FOR SPECIAL SERVICE.

5. (*a*) *Cooks.*—Privates regularly detailed as cooks shall receive, in addition to the pay otherwise allowed by law, the following: First-class cooks, $10 per month; second-class cooks, $8 per month; third-class cooks, $7 per month; and fourth-class cooks, $5 per month. (Act March 2, 1907.)

(*b*) *Gun pointers, messmen, gun captains, mail clerks, signalmen, and holders of good-conduct medals, pins, or bars.*—All enlisted men of the United States Marine Corps regularly detailed as gun pointers, Navy mail clerks, gun captains, messmen, or signalmen, or holding good-conduct medals, pins, or bars, shall receive the same extra compensation, in addition to their manthly pay, as is now or may hereafter be allowed enlisted men of the Navy. Enlisted men of the Marine Corps regularly detailed as messmen, whether for duty afloat or ashore, may be paid additional compensation as provided for enlisted men of the Navy. (R., 4427.)

For particulars as to allowance and detail of mess sergeants, cooks, and messmen, see Marine Corps Orders.

"*Provided*, That the provisions of the act of May 27, 1908 (35 Stat. 417, 418), as amended by the act of August 24, 1912 (37 Stat. 560), are hereby extended to authorize the designation of enlisted men of the Navy or Marine Corps as Navy mail clerks and assistant Navy mail clerks with expeditionary forces on shore" (act March 4, 1917, 39 Stat. 1188), and at stations and shore establishments. (Acts of July 1, 1918, and July 11, 1919.)

(*c*) *Expert riflemen, sharpshooters, and marksmen.*—"Enlisted men now qualified or hereafter qualifying as expert riflemen shall receive, in addition to their pay, $5 per month; those qualifying as sharpshooters, $3 per month, and those qualifying as marksmen, $2 per month." (Army act, May 11, 1908.)

Distinguished-service medal or cross.—That each enlisted man of the Army to whom there has been or shall be awarded a medal of honor, a distinguished-service cross, or distinguished-service medal shall, for each such award, be entitled to additional pay at the rate of $2 per month from the date of the distingusihed act or service on which the award is based, and each bar, or other suitable device in lieu of a medal of honor, a distinguished-service cross, or a distinguished-service medal, as hereinafter provided for, shall entitle him to further additional pay at the rate of $2 per month, from the date of the distinguished act or service for which the bar is awarded, and said additional pay shall continue throughout his active service, whether such service shall or shall not be continuous; but when the award is in lieu of the certificate of merit, as provided for in section three hereof, the additional pay shall begin with the date of the award. (Act July 9, 1918, 40 Stat. 871.)

SEC. 4. That each enlisted or enrolled person of the naval service to whom is awarded a medal of honor, distinguished-service medal, or a Navy cross, shall, for each such award, be entitled to additional pay at the rate of $2 per month from the date of the distinguished act or service on which the award is based and each bar, or other suitable emblem or insignia, in lieu of a medal of honor, distingusihed-service medal, or Navy cross, as hereinafter provided for, shall entitle him to further additional pay at the rate of $2 per month from the date of the distinguished act or service for which the bar is awarded, and such additional pay shall continue throughout his active service, whether such service shall or shall not be continuous.

SEC. 5. That no more than one medal of honor or one distinguished-service medal or one Navy cross shall be issued to any one person; but for each succeeding deed or service sufficient to justify the award of a medal of honor or a distinguished-service

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medal or Navy cross, respectively, the President may award a suitable bar, or other suitable emblem or insignia, to be worn with the decoration, and the corresponding rosette or other device. (Act of February 4, 1919, 40 Stat. 1056.)

(*d*) *Marine Band for playing at White House and public grounds.*—The band of the United States Marine Corps shall consist of 1 leader, whose pay and allowances shall be those of a captain in the Marine Corps; 1 second leader, whose pay shall be $150 per month and who shall have the allowances of a sergeant major; 10 principal musicians, whose pay shall be $125 per month; 25 first-class musicians, whose pay shall be $100 per month; 20 second-class musicians, whose pay shall be $85 per month; and 10 third-class musicians, whose pay shall be $70 per month; such musicians of the band to have the allowances of a sergeant and to have no increase in the rates of pay on account of length of service. (Act of August 29, 1916, 39 Stat. 612.)

Members of the Marine Band are allowed $4 per month in addition to the rates of pay as given above for playing at the White House and public grounds. (Act of August 18, 1856.)

PAY TABLE, MARINE CORPS RESERVE FORCE.

I. *Retainer pay—Enrolled members Fleet Marine Corps Reserve—Class 1* (*a*) *and Class 1* (*b*):

1. *Class 1* (*a*).—The annual retainer pay of officers is two months' base pay of the corresponding rank in the Marine Corps, plus 25 per cent of the base pay for each enrollment of four years, counting all service in Nvay, Marine Corps, National Naval Volunteers, and Naval Militia, and for each subsequent enrollment within three months, provided they have performed the required active service.

2. *Class 1* (*b*).—The annual retainer pay of enrolled men shall be two months' base pay of the corresponding rank in the Marine Corps plus 25 per cent of the base pay for each enrollment of four years and for each subsequent enrollment withein three months, provided they have performed the required active service.

All service in the Navy, Marine Corps, National Naval Volunteers, and Naval Militia shall be counted as continuous service in the Naval Reserve Force. (Act July 1, 1918.)

NOTES.—(*a*) Enrollment and reenrollment shall be for four years.

(*b*) Retainer pay is in addition pay for active service.

(*c*) Retainer pay is payable only on conditions that members make such reports as may be required by the Secretary of the Navy.

(*d*) All members who enroll within three months from the date of their last naval service or reenroll for four years within three months from the date of the termination of their last enrollment shall receive 25 per cent increase on their *base* retainer pay, provided they have performed the required active service.

(*e*) The minimum active service shall be two months during each term of enrollment and an attendance at not less than 36 drills each year, or other equivalent duty. The active service may be in one or more periods of not less than 15 days each. (Act of July 1, 1918.)

(*f*) Retainer pay is paid annually or at shorter intervals, as the Secretary of the Navy may direct.

(*g*) In addition to retainer pay all members are, while in active service, entitled to the same pay, allowances, gratuities, etc., as officers and men of the regular service.

(*h*) All enrolled members are, upon first reporting for active service for training during each enrollment, entitled to credit with a uniform gratuity of $50 for officers and $30 for men. Upon reporting for active service in time of war the uniform gratuity is $150 for officers and $60 for men, less any amounts previously credited during current enrollment. Should any member voluntarily sever his connection with the service, the amount of this gratuity so credited shall be deducted from any pay due him. Clothing gratuity for men is credited by the Quartermaster Department (see par. 921 er seq., System of Accountability, U. S. M. C.). Class 1 (*e*) and class 2 (*d*) do not receive a uniform gratuity. Officers of the Marine Corps Reserve on first reporting for active duty for training, or in time of war, will be paid the proper uniform gratuity on their first pay voucher rendered after so reporting, in accordance with paragraph 283 (14) (*b*) and (*c*) of Marine Corps Orders No. 13 (Series 1917). In this connection see comptroller's decision, March 13, 1917.

(*i*) Members employed in other branches of serfvice, except military service, may receive the pay and allowances incident thereto in addition to their retainer pay.

(*j*) Retainer pay is $12 per annum for all reenrolled members who on any previous enrollment failed to perform two months' active service, until two months' active service is completed.

(*k*) No member shall be entitled to travel allowance (i. e., Government transportation and subsistence in the case of a man or mileage in the case of an officer) unless

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the period of such active service (the prescribed two months) is for not less than one month, or unless specifically provided for by such regulations as may be prescribed by the Secretary of the Navy.

(*l*) Enrolled members who have completed 20 years in the reserve, who have performed the required active service, shall, upon their own application, be retired, and on retirement receive a cash gratuity equal to the total retainer pay during last term of enrollment.

(*m*) All enrolled members may, in time of peace, or when no national emergency exists, be discharged upon request upon reimbursing the Government for any clothing gratuity that may have been furnished them during their current enrollment.

(*n*) Men enrolling within three months of the date of discharge from the regular service who reenlist in the regular service within 3 months of the date of discharge from the Fleet Reserve are entitled to gratuity and continuous-service pay.

(*o*) Enrolled members are not subject to the laws and regulations for the government of the Navy, except while in active service. While engaged in actual service for training, or when called to service in time of war or national emergency, their accounts for such service will be carried in the same manner as enlisted men of the regular service, and deduction at the rate of 20 cents per month made for hospital fund under the provisions of section 1614, Revised Statutes. (Comp. Dec., December 27, 1916.)

(*p*) "The retainer pay of the enrolled men of the Fleet Naval Reserve shall be the same as for the enrolled men of the Naval Reserve and shall be computed in like manner: *Provided*, That nothing herein shall operate to reduce the retainer pay allowed by existing law to enlisted men who, after sixteen years' or more naval service, are transferred to the Fleet Naval Reserve, nor to deny to such enlisted men their privilege of retirement upon completing thirty years' naval service, as now provided by law." (Act July 1, 1918.)

(*q*) That the annual retainer pay of members of the Naval Reserve Force, except officers in the Naval Auxiliary Reserve and transferred members of the Fleet Naval Reserve, after confirmation in rank, grade, or rating, shall be the equivalent of two months' base pay of the corresponding rank, grade, or rating in the Navy, but the highest base pay upon which the retainer pay of officers of the Naval Reserve Force shall be computed shall not be greater than the base pay of a lieutenant commander. Service in the Navy, Marine Corps, National Naval Volunteers, and Naval Militia shall be counted as continuous service in the Naval Reserve Force, both for the purpose of retirement and of computing retainer pay: *Provided*, That no member of the Naval Reserve Force shall be eligible for retirement other than for physical disability incurred in line of duty: *Provided further*, That no retainer pay of any member of the Naval Reserve force except those enlisted men transferred to the Fleet Naval Reserve after sixteen or twenty or more years' naval service shall be in excess of the amount authorized to members having had sixteen years' continuous service therein. (Act July 1, 1918.)

That all officers of the Naval Reserve Force and temporary officers of the Navy who have heretofore incurred or may hereafter incur physical disability in line of duty shall be eligible for retirement under the same conditions as now provided by law for officers of the Regular Navy who have incurred physical disability in line of duty. (Act of June 4, 1920.)

(*r*) That in time of peace the Secretary of the Navy is authorized, in his discretion, to order any member of the Naval Reserve Force, with his consent, who has been confirmed in his rank, grade, or rating, to perform any duty afloat for any period of time for which his services may be required. (Act July 1, 1918.)

(*s*) Members of the Naval Reserve Force when employed in active service, ashore or afloat, under the Navy Department shall receive the same pay and allowances as received by the officers and enlisted men of the Regular Navy of the same rank, grades, or ratings, and of the same length of service, which shall include service in the Navy, Marine Corps, Naval Reserve Force, Naval Militia, National Naval Volunteers, or Marine Corps Reserve. (Act July 1, 1918.)

(*t*) *Provided*, That retainer pay provided by existing law shall not be paid to any member of the Naval Reserve Force who fails to train as provided by law during the year for which he fails to train. (Act of June 4, 1920.)

II. *Retainer pay—Enlisted men voluntarily transferred to the Fleet Marine Corps Reserve—Class 1 (c) and Class 1 (d)—*

1. *Class 1 (c).*—Men transferred to the reserve list on the expiration of a term of enlistment, after completing 16 years of honorable naval service, shall be paid a retainer pay at the rate of one-third of the base pay they were receiving at the close of their last naval service plus the total of all permanent additions thereto. (See act of

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August 29, 1916; and Comp. Dec., of September 22, 1916—23 Comp., p. 190; 26 Comp., 483.)

2. *Class 1 (d).*—Men transferred to the reserve list after completing 20 or more years of naval service shall be paid a retainer at the rate of one-half of the base pay they were receiving at the close of their last naval service plus the total of all permanent additions thereto. (23 Comp., p. 190; 26 Comp., 483.)

NOTES.—(*a*) The retainer pay of class 1 (*c*) and class 1 (*d*) shall be increased 10 per cent for all men credited with extraordinary heroism in the line of duty, or in the case of class 1 (*d*) the retainer pay is increased 10 per cent for those whose average marks in conduct for 20 years or more shall not be less than 95 per cent of the maximum.

(*b*) The pay of any member of the Fleet Marine Corps Reserve shall be forfeited when so ordered by the Secretary of the Navy upon the failure, under such conditions as may be prescribed by the Secretary of the Navy, of such men to report for inspection.

(*c*) Members who have established their qualifications by examination may be given warrants as marine gunners, quartermaster clerks, pay clerks, or second lieutenants. This does not deprive them of the pay, allowances, or gratuities to which they would otherwise be entitled.

(*d*) Members of this class may be retired upon their own request after completing 30 years of service, including all naval and Fleet Marine Corps Reserve service, and when so retired they receive the same pay they were receiving when retired, plus the allowances to which retired enlisted men of the regular Marine Corps are entitled. (See 24 Comp., 679.)

(*e*) Members of this class are continued in the reserve until discharged or retired, and are subject to the laws and regulations for the government of the Navy.

(*f*) Members of class 1 (*c*) and class 1 (*d*) do not receive uniform gratuity.

(*g*) Members of class 1 (*c*) and class 1 (*d*) will be paid monthly by check.

(*h*) Paragraphs (*b*) and (*c*), under notes regarding enrolled members, class 1 (*a*) and class 1 (*b*), are also applicable to transferred members class 1 (*c*) and class 1 (*d*) of the Marine Corps Reserve.

(*i*) Hospital fund at the rate of 20 cents per month will be deducted from the retainer pay of transferred members, class 1 (*c*) and class 1 (*d*), of the Fleet Marine Corps Reserve, at all times. (Comp. Dec., December 27, 1916.)

(*j*) The accounts of members of this class while engaged in actual service for training, or when called to service in time of war or national emergency, will be carried in the same manner as enlisted men of the regular service, but deduction at the rate of 20 cents per month for hospital fund will not be made from active duty pay, as this is to be deducted from the retainer pay at all times. (Comp. Dec., December 27, 1916.)

III. *Retainer pay—Class 2, Marine Corps Reserve A—*

1. *Class 2 (a).*—Officers; provisional. Annual retainer pay of $12.

2. *Class 2 (b).*—Officers; confirmed. Annual retainer pay of two months' base pay of the corresponding rank in the Marine Corps.

3. *Class 2 (c).*—Enlisted men; provisional. Annual retainer pay of $12.

4. *Class 2 (d).*—Enlisted men; confirmed. Annual retainer pay of two months' base pay of the corresponding rank in the Marine Corps.

IV. *Retainer pay, class 4*—Marine Corps Reserve B is the same in all respects as Class 2, Marine Corps Reserve A.

V. *Retainer pay, Marine Corps Reserve Flying Corps,* class 5 (*a*), (*b*), and (*d*), is the same in all respects as class 2A; and class 5 is the same as class 1 (*c*) and (*d*), respectively. Members of the last two classes do not receive uniform gratuity.

NOTES.—(*a*) The minimum active service required of members of the Marine Corps Reserve to qualify for confirmation in their rank or rating shall be three months.

(*b*) All notes in the pay table under "Enrolled Members Fleet Marine Corps Reserve, class 1 (*a*) and class 1 (*b*)," except note (*n*), are applicable to members of the Marine Corps Reserve A and B, and the Marine Corps Reserve Flying Corps, class 2, 4, and 5, respectively.

VI. *Class 6.*—The Volunteer Marine Corps Reserve obligate themselves to serve without retainer pay and uniform gratuity in time of peace. When called to service in time of war or emergency they will become entitled to uniform gratuity as provided for the class in which serving during such time. When on active duty the pay is the same as that of the corresponding rank in the Marine Corps.

In all cases active service pay commences on day of reporting and ceases on date of detachment, both dates inclusive.

The above notes are based on the provisions of the acts of August 29, 1916, July 1, 1918, July 11, 1919, and June 4, 1920. The text is greatly abbreviated, and in case of doubt the original acts should be consulted.

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Table 80.—APPRAISED VALUE AND REPRODUCTION COST OF INDUSTRIAL PLANTS.

APPRAISED VALUE, 1920.

Depreciation is computed by the "fixed percentage on reducing balance" method on all items in classes 2, 3, 5, and 6, except dry land, water rights, typewriters, computing machines, and motor-propelled vehicles, the last three items being exempted from the operation of the depreciation reserve owing to the provision of the naval acts approved August 22, 1912, and Aug. 29, 1916, permitting worn-out typewriters, computing machines, and motor-propelled vehicles to be exchanged as a part of the purchase price of a new ones All additions and replacements under classes 4, 7, and 8 being charged directly to expense, no depreciation is computed on plant values under those classes, which remain at first cost figures. Adjustment between the plant ledgers and cost records in the cases of items in classes 4, 7, and 8 are periodically made by physical inventories.

Yards.	Classes and classification.				Total.
	2. Land and appurtenances.	3. Buildings and structures.	5. Plant appliances.	6. Machinery and machine tools.	
Portsmouth	$2,896,039	$3,818,918	$506,074	$705,868	$7,926,899
Boston	6,857,479	5,216,876	775,056	899,273	13,748,684
New York	20,394,373	9,563,704	1,833,393	2,123,039	33,914,509
Naval ordnance plant, Baldwin, Long Island, N. Y.	8,247	178,802	1,973	101,142	290,164
Fleet supply base	1,243,973	6,932,998	739,609	73,626	8,990,206
Philadelphia	11,756,728	3,262,662	1,161,015	856,724	17,037,129
Naval aircraft factory	274,760	2,551,082	178,465	176,525	3,180,832
Naval ordnance plant, South Charleston, W. Va.	448,956	735,669	299,585	1,700,658	3,184,868
Naval ordnance plant, Dayton, Ohio	25,325	230,929	6,476	287,856	550,586
Washington	2,087,663	3,914,582	520,866	2,151,404	8,674,515
Norfolk	4,416,828	4,669,270	1,212,026	1,403,667	11,701,791
Charleston	1,019,441	3,325,778	558,165	470,639	5,374,023
Mare Island	2,038,751	6,387,369	1,372,095	930,980	10,729,195
Puget Sound	838,209	5,019,159	1,270,497	1,412,729	8,540,594
Cavite	1,126,984	729,467	321,488	110,883	2,288,822
Olongapo	425,891	676,767	182,935	95,043	1,380,636
Total	55,859,647	57,214,032	10,939,718	13,500,056	137,513,453

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REPRODUCTION COST.

This statement shows original or reproduction cost of present property of the yards named, by physical classes. It includes industrial, mixed industrial military, and purely military property. The distribution of property by physical classes and purpose groups is shown in statement 11. Statement 19 shows total expenditures for original sites, irrespective of depreciation, and for all improvements and acquisitions to date, irrespective of dispositions.

Yards.	Classes and classifications.							Total.
	2. Land and appurtenances.	3. Buildings and structures.	4. Miscellaneous equipment.	5. Plant appliances.	6. Machinery and machine tools.	7. Portable power tools.	8. Loose and hand tools.	
Portsmouth	$3,508,927	$5,324,900	$478,585	$844,298	$1,403,241	$29,556	$24,338	$11,613,845
Boston	8,202,061	9,003,889	403,881	1,393,635	2,222,349	75,740	95,376	21,396,931
New York	22,249,390	15,641,103	3,576,397	3,430,711	3,782,120	236,325	458,555	49,374,601
Naval ordnance plant, Baldwin, Long Island, N. Y	8,958	183,537	27,489	23,852	109,947	.....	5,590	359,373
Fleet supply base	1,311,668	7,515,316	155,861	773,292	104,426	177	3,126	9,863,866
Philadelphia	12,674,496	5,178,998	425,383	1,698,771	1,623,541	90,219	95,579	21,786,987
Naval aircraft factory	288,443	2,641,724	208,610	189,666	214,919	11,779	18,322	3,573,463
Naval ordnance plant, South Charleston, W. Va	448,956	735,669	269,896	299,585	1,700,658	4,263	60,430	3,519,457
Naval ordnance plant, Dayton, Ohio	25,325	302,716	8,928	10,711	430,482	.....	226,201	1,004,363
Washington	2,747,278	6,118,483	277,413	1,354,750	5,251,181	6,166	1,189,447	16,944,718
Norfolk	5,100,201	6,851,510	386,163	2,016,336	2,519,410	62,705	151,000	17,087,325
Charleston	1,404,809	4,124,194	84,561	829,994	793,601	21,165	15,928	7,274,252
Mare Island	3,000,064	10,587,858	197,763	2,216,748	1,890,631	112,317	187,792	18,293,173
Puget Sound	1,349,422	7,035,003	434,966	2,017,053	2,257,576	29,013	83,546	13,206,579
Cavite	1,760,110	1,314,114	80,881	747,179	233,955	2,938	4,335	4,143,512
Olongapo	574,606	1,682,993	173,460	417,411	276,323	30,642	43,647	3,199,082
Total	64,654,714	84,242,007	7,290,237	18,263,992	24,814,360	713,005	2,663,212	202,641,527

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Table 81.—APPRAISED VALUE AND REPRODUCTION COST OF INDUSTRIAL PLANTS.

APPRAISED VALUE, 1921.

[Depreciation is computed by the "fixed percentage on reducing balance" method on all items in classes 2, 3, 5, and 6, except dry land, water rights, typewriters, computing machines, and motor-propelled vehicles, the last three items being exempted from the operation of the depreciation reserve owing to the provision of the naval acts approved Aug. 22, 1912, and Aug. 29, 1916, permitting worn-out typewriters, computing machines, and motor-propelled vehicles to be exchanged as a part of the purchase price of a new one. All additions and replacements under classes 4, 7, and 8 being charged directly to expense, no depreciation is computed on plant values under those classes, which remain at first cost figures. Adjustment between the plant ledgers and cost records in the cases of items in classes 4, 7, and 8 are periodically made by physical inventories.]

Yards.	Classes and classifications.				Total.
	2. Land and appurtenances.	3. Buildings and structures.	5. Plant appliances.	6. Machinery and machine tools.	
Portsmouth	$2,933,271	$4,029,354	$572,673	$810,695	$8,345,993
Boston	6,817,869	9,179,442	1,048,335	1,358,555	18,404,201
New York	20,633,631	9,224,453	1,590,093	2,222,803	33,670,980
Naval ordnance plant, Baldwin, Long Island, N. Y	13,995	176,042	20,131	85,108	295,276
Navy supply depot	1,251,966	7,233,396	677,300	30,152	9,192,814
Philadelphia	12,045,464	4,249,483	1,166,127	1,532,927	18,994,001
Naval aircraft factory	284,492	3,229,273	299,058	164,306	3,977,129
Naval ordnance plant, South Charleston, W. Va	443,718	810,858	619,877	1,521,018	3,395,471
Washington	4,535,250	7,378,667	2,732,024	9,528,974	24,174,915
Naval torpedo station, Alexandria, Va	194,339	1,216,308	94,638	1,055,503	2,560,788
Norfolk	4,215,908	13,779,860	1,522,306	1,762,227	21,280,301
Charleston	1,144,041	3,161,169	612,345	457,643	5,375,198
Key West	875,698	546,424	190,225	80,535	1,692,882
Mare Island	2,123,641	6,465,359	2,043,353	1,076,138	11,708,491
Puget Sound	895,989	5,666,261	2,097,350	1,436,894	10,096,494
Pearl Harbor	3,490,131	6,939,466	748,234	547,388	11,725,228
Cavite	1,443,765	860,748	376,536	130,696	2,811,745
Olongapo	417,113	662,896	176,027	84,584	1,340,620
Total	**63,760,281**	**84,809,459**	**16,586,641**	**23,836,146**	**189,042,527**

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REPRODUCTION COST.

[This statement shows original or reproduction cost of present property of the yards named, by physical classes. It includes industrial, mixed industrial-military, and purely military property. Statement 19 shows total expenditures for original sites, irrespective of depreciation, and for all improvements and acquisitions to date, irrespective of dispositions.]

Yards.	Classes and classifications.							Total.
	2. Land and appurtenances.	3. Buildings and structures.	4. Miscellaneous equipment.	5. Plant appliances.	6. Machinery and machine tools.	7. Portable power tools.	8. Loose and hand tools.	
Portsmouth	$3,611,803	$5,610,572	$478,585	$927,040	$1,574,876	$29,556	$24,338	$12,256,7
Boston	8,179,103	13,190,272	419,289	1,968,067	2,836,235	212,251	434,929	27,240,146
New York	22,330,556	15,641,103	3,576,397	2,984,328	4,071,922	236,325	458,555	49,299,186
Naval ordnance plant, Baldwin, Long Island, N. Y.	15,412	185,998	28,133	23,852	106,333	.....	5,590	365,318
Navy supply depot	1,307,939	7,525,607	157,613	754,512	61,859	177	3,126	9,810,833
Philadelphia	13,007,907	6,252,875	519,783	1,754,514	2,361,365	230,191	107,215	24,233,850
Naval aircraft factory	320,903	3,446,170	261,638	360,586	224,342	11,779	18,322	4,643,740
Naval ordnance plant, South Charleston, W. Va.	448,956	833,243	269,897	651,302	1,745,538	4,263	60,430	4,013,629
Washington	5,478,688	9,851,547	1,259,702	4,198,391	13,923,693	104,123	3,193,755	37,999,899
Naval torpedo station, Alexandria, Va.	195,244	1,216,656	132,863	100,360	1,225,508	11,287	133,671	3,015,589
Norfolk	5,129,412	16,578,345	386,163	2,072,891	2,989,422	62,705	151,000	27,369,938
Charleston	1,517,673	4,016,224	74,080	945,972	802,027	20,124	15,078	7,391,178
Key West	1,114,782	1,128,364	48,912	360,421	187,675	6,057	19,131	2,865,342
Mare Island	3,244,070	10,916,626	297,763	2,985,477	2,106,170	112,317	187,792	19,850,215
Puget Sound	1,458,063	7,818,900	434,966	2,928,373	2,439,557	29,013	83,546	15,192,418
Pearl Harbor	4,416,219	7,466,416	124,284	1,203,189	843,353	17,280	15,179	14,085,920
Cavite	2,090,849	1,477,558	122,492	860,007	273,998	5,158	16,811	4,846,873
Olongapo	574,606	1,752,259	173,322	423,934	262,676	30,223	41,647	3,258,667
Total	74,442,185	114,908,735	8,765,882	25,503,216	38,036,549	1,122,829	4,960,115	267,739,511

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